

STEELE, BRIGGS
LION BRAND
**CLOVER &
 GRASS SEED**

CHALLENGE THE WORLD FOR QUALITY

1914
 41ST ANNUAL



HAMILTON HOUSE

"Canada's Greatest Seed House"

STEELE, BRIGGS



THREE OF OUR WAREHOUSES.

BOOK ON SEEDS ETC
 HOW & WHAT TO GROW.

STEELE BRIGGS
 SEED COMPANY LIMITED,

HAMILTON, TORONTO, CAN. WINNIPEG.

PROVED
 THE BEST
 BY EVERY
 TEST.

PURITY
 BACKED BY
 GOVERNMENT
 INSPECTION

Steele, Briggs' "Queen City" Lawn Grass

Analyzed as to Purity—Tested for Germination—the Best Lawn Grass Seed that experience can suggest or money buy

A smooth, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is the best investment a home owner can make. The following suggestions may be of benefit, especially to those who are about to make a new lawn.

A lawn may be made in two ways, by sodding or by sowing seed. Sodding is not only very expensive, but unsatisfactory as well. Sods are ordinarily taken from a pasture or along the roadside and almost invariably contain weed seeds and coarse tufty grasses, which make their appearance after the lawn is made. Seeding is not only cheaper, but is attended with much better results.

The most important thing to consider in selecting seed for lawn grass is to obtain a proper mixture of several varieties, for two reasons. First, each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth, even, green lawn is assured from early spring to late autumn. Second, a given area can support only so many grass plants of one kind for they all absorb the same sort of food, but if several varieties are sown, the same area will support many more plants, as different sorts live on various elements in the soil. This will give a much thicker and more luxuriant turf all over the lawn.

With these facts in mind our Queen City Lawn Grass Seed is scientifically combined. Our experience of many years has given us an intimate knowledge of grasses, their habits, and requirements. In our Queen City Lawn Grass Seed are included only the very best varieties—pure, clean and free from foul seed.

Our Queen City Lawn Grass is very quick in growth and is ready for mowing in from five to six weeks from the time the seed is sown.

From early spring until late in the fall lawns sown with Queen City Lawn Grass remain green and fresh, including as this mixture does quick-growing varieties which are at their best soon after the frost is out of the ground, others that mature and flourish in mid-summer, and still others that are greenest and sturdiest in autumn. For each of these seasons there are several different varieties living on different elements in the soil, so that one is certain always to have a satisfactory carpet of green wherever Queen City Lawn Grass is sown.

Strangers visiting Toronto frequently comment upon the beauty of its lawns, both in the public parks and about the homes of the residents. Our Lawn Grass Seed is used very extensively, not only in our own city, but in all parts of the country, and the demand for it is increasing every year. It is also used on golf courses, tennis courts, croquet lawns, athletic fields, in parks, cemeteries and private grounds, with unvarying success.

Not only is Queen City Lawn Grass suitable for the making of new lawns, but it will be found equally valuable for quickly renewing imperfect, old and worn out areas.



"Queen City" Lawn Grass

The quantity required for making a handsome lawn is 80 to 100 lbs. per acre, or for renovating old lawns, 25 to 30 lbs. For a plot 20 x 20, or 400 square feet, one pound is required for new lawns or about half a pound for renovation. Per lb., 35c.; postpaid, 40c.; 10 lb. lots, 30c. per lb., postpaid, 35c. per lb. Special prices for large quantities on application.

"Shady Nook" Lawn Grass Many lawns have bare and unsightly spots under trees and shady places, which have been seeded, sodded and every possible attention given to secure grass, but without success. There are but few grasses which will grow and thrive in such places. Our "Shady Nook" mixture is a combination of dwarf-growing evergreen varieties, which in their natural state are found growing in the woods and shady places and will form a fine green sward. 1 lb., 45c., postpaid, 50c.

Freeman's Lawn Dressing Especially prepared for use upon lawns, and contains all the constituents for promoting a quick, luxuriant growth and a rich green color. It is absolutely odorless, and so clean that it can be applied with no offence to the organs of sight or smell. It is quick in stimulating the grass roots to greater activity, thereby inducing a thick, velvety surface upon the lawn. The common habit of applying coarse stable manure upon lawns causes weeds to grow, and is very offensive both to sight and smell. Better and cleaner results are secured by using Lawn Dressing. When making a new lawn apply from 150 to 200 lbs. per acre, raking well into the soil. For improving the lawn about 1 lb. for each 16 feet square. Apply when the grass is dry and if possible just before a shower. 5 lbs., 50c.; 10 lbs., 75c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lb., \$3.50, by freight at purchaser's expense.

"Golf Link" Grass Mixture A mixture of short-growing grasses such as will stand the wear and tear necessary and maintain a nice green appearance. Lb., 25c., postpaid, 30c. Special quotations in large lots.

Fancy White Dutch Clover Most valuable for thickening up lawns when sown with Grass Seed. Lb., 60c., by mail, postpaid, 65c.; 10 lbs., 55c. per lb., by express at purchaser's expense.

RB341275

JOHN A. BRUCE & CO. LIMITED, HAMILTON, ONT.

Forward to
Name. Robert R. Gage

Post Office.....

Express Office.....

Province.....Date.....1915

If you have no Express Office state nearest one and how far from you

CONDITIONS OF SALE—J. A. Bruce & Co. take every precaution to supply reliable Plants, true to name, but give no warranty, express or implied, as to quality, growth, productiveness, or any other matter of any plants they supply, and will not be in any way responsible for the out-turn.

Plants going by mail require one-quarter of the amount of order, or 25c on the dollar, to be added for postage to Canada, Newfoundland and the United States.

For use J. A. B. & Co.

Order No.....

No. Pkgs.....

How sent.....

Date sent.....

Postage.....

Received \$.....

Date.....1915

QUANTITY	NAME OF PLANTS WANTED	PRICE
	Asters	
	Balsam	
	Scabiosa	
	Nicotiana	
2	Ricinus	
	Antirrhinum	
2	Sweet Peas	
2	Tall Nasturtium's	
	Burple Nasturtium	
	Merabilis	
	Dianthus	
	Poppies	
	Chrysanthemum	

Please note that we pay weights of packed, unopen and sealed postal on all registered and Pioneer Seeds, except Beans, Corn and Peas at pound prices. Any orders for such, or for Pull Rod Seeds, and Pure Seeds, must be sent by post, and no postal required for payment of postage.

All Seed Oatmeal, Clover, Timothy, and any Seeds sold at barrel, peck or hundred pound rates are quoted for the Westbury, Toronto and Hamilton, the post. Seed must pay carriage on delivery of goods.

FOR REMARKS

Do not rely on the order with questions requiring answers, as it often causes trouble and sometimes mistakes or omissions. Please write in this space your name.

IMPORTANT NOTICE: We shall appreciate it as a special favor if our friends and customers will write in the blank below the status of some of their organizations which will be in need of funds.

ORDER FOR BULBS, ROSES, VINES, SHRUBS AND PLANTS.

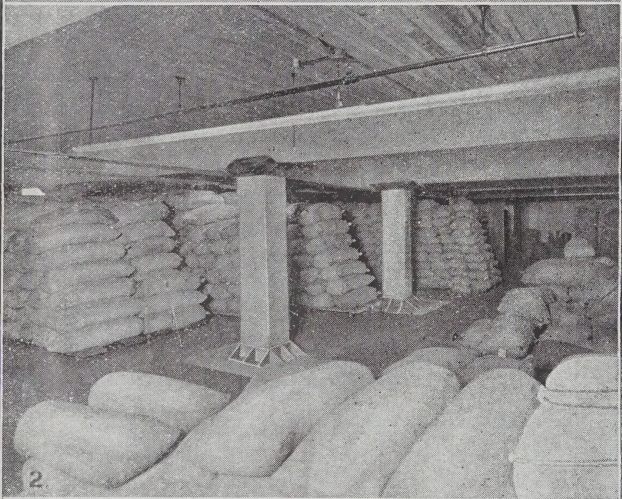
FOR REMARKS.

ALPHABETICAL INDEX

The letters preceding the page number below indicate:—
 "S" for Seeds "P" for Plants "B" for Bulbs "R" for Roots

PAGE	PAGE	PAGE	PAGE	PAGE	PAGE
Abronia.....S 41	Calf Meal.....S 95	Egg Producer.....S 84	Japanese Quince.....S 75	Nigella.....S 54	Sensitive Plant.....S 52
Abutilon.....S 41	California Poppy.....S 50	Elephant's Ear.....B 64	Japanese Ivy.....S 60 P78	Nolana.....S 54	Shasta Daisy.....S 40
Acchilea.....P 73	Calla Lily.....S 45, B 64	Emmer.....S 30	Japan Rose Apple.....P71	Oats.....S 31, 32	Siberian Millet.....S 39
Aconitum.....S 60	Callosipis.....S 46	Endive.....S 10	Japanese Snow- ball.....P 77	Oenothera.....S 54	Siberian Pea.....P 75
Acroclinium.....S 41	Calycanthus.....P 75	English Prim- rose.....S 54	Jerusalem Cherry.....S 57	Onion.....S 19	Small Fruits.....P 79 to 83
Adonis.....S 41	Campanula.....S 60	Eschscholtzia.....S 5, 50	Job's Tears.....S 59	Onion Sets.....17	Smilax.....S 57
African Pipe Gourd.....S 5	Canadian Blue Grass.....S 40	Eulalia.....P 73	Joseph's Coat.....S 41	Orange Daisy.....S 4	Snagdragon.....S 60, 5
African Lilac Daisy.....S 42	Canary Bird Flower.....S 58	Evening Glory.....S 51	Jove's Flower.....S 41	Orchard Grass.....S 40	Snowball.....P 77
African Orange Daisy.....S 4	Candytuft.....S 46, 60	Evening Prim- rose.....S 4, 54	Kaffir Corn.....S 37	Ornamental Grasses.....S 59	Snow-in-Sum- mer.....S 47
Agathea.....S 42	Canna.....S 47, R 68	Evening Stock.....S 52	Kale.....S 5	Oxalis.....S 54, B 65	Sojo Bean.....S 30
Ageratum.....S 41	Canterbury Bells.....P 70	Everlasting Flow- ers.....S 41, 47, 50, 51, 59	Kenilworth Ivy.....S 51	Oyster Plant.....S 23	Solanum.....S 57
Agrostemma.....S 41	Caragana.....P 65	Fairy Lilies.....B 64	Kentucky Blue Grass.....S 40	Oyster Shells.....85	Special Mixtures Flower Seeds.....S 59
Akebia Quinata.....P 78	Carnation.....S 46, 60	Feather Grass.....S 59	Knight's Star Lily.....B 63	Pansy.....S 54, 5	Speltz.....S 30
Alfa.....P 83	Carrot, Garden.....S 14	Ferns.....S 50	Knives.....S 92	Papaver.....S 56, 61	Spider Plant.....S 48
Almond.....P 75	Carrot, Field.....S 26	Fertilizers.....94 and 3rd cover page	Kochia.....S 13	Paris Daisy.....S 48	Spinach.....S 23
Alonsoa.....S 42	Castor Oil Plant.....S 66	Feverfew.....S 52	Kohl Rabi.....S 13	Parsley.....S 20	Spiraea.....P 77
Althea.....P 75	Catalpa.....S 40, P 75	Flax.....S 35, 51, 61	Lady's Slipper.....S 45	Parsnip.....S 18	Spramotors.....87
Alyssum.....S 41, 60	Catananche.....S 47	Florists' Sundries.....92	Lagurus.....S 59	Passiflora.....S 54	Sprayers.....86, 87
Amaranthus.....S 41, 50	Cauliflower.....S 13	Flos Adonis.....S 41	Lantana.....S 51	Passion Flower.....S 54	Spring Rye.....S 30
Amaryllis.....B 63	Celery.....S 12	Flowering Almond.....P75	Larkspur.....S 51, 57, 60	Pasture Mixtures.....36	Sprinklers.....87, 92
Ampelopsis.....S 60, 78	Celciac.....S 12	Flower Food.....94	Lawn Grass.....S 73	Peanut.....S 20	Squash.....S 23
Amygdalus.....P 75	Celosia.....S 47	Flowering Flag.....B 65	Lathyrus.....S 61	Peas, Garden.....S 20	Star Thistle.....S 46
Anagallis.....S 42	Cemetery Tree.....P 75	Flowering Maple.....S 41	Lavatera.....S 51	Peas, Field.....S 36	Statice.....S 4
Anchusa.....S 42	Centrosema.....S 48	Flowering Sage.....S 57	Lawn Cleaner.....88	Peat.....94	Stevia.....S 57
Anemone.....P 73	Cerastium.....S 47	Flower Pots.....88	Lawn Grass.....S	Pelargonium.....S 50	Stipa.....S 59
Animated Oats.....S 59	Ceroidiphylum.....P 75	Forget-Me-Not.....S 61, P 74	Lawn Mowers.....88	Pennistum.....S 59	Stocks.....S 58
Antirrhinum.....S 60, 5	Chervil.....S 10	Fountain Grass.....S 59	Lawn Rollers.....91	Pentstemon.....S 61	Strawberries.....P 82
Apois Tuberosa.....B 63	Chick Feed.....85	Four O'Clock.....S 52	Lawn Weeder.....85	Pepper.....S 18	Sugar Beet.....S 26
Aquilegia.....S 60, P 73	Chicory.....S 10	Forsythia.....P 76	Leek.....S 16	Pepper Grass.....S 10	Sugar Cane.....S 38
Arabis.....S 60	Chinese Peonies.....R 66	Foxglove.....S 60, P 73	Leg Bands.....84	Perennial Pea.....S 61	Summer Cypress.....S 51
Arctostis.....S 78	Chinese Pink.....S 49	Fragrant Annuals, Mixed.....S 59	Leopard's Bane.....P 73	Perennial Plants.....73, 74	Sunflower.....S 38, 67
Aristochloia.....P 78	Chinese Primrose.....S 55	Fruit Baskets.....88	Lettuce.....P 78	Perennial Seeds.....60, 61	Swan River Daisy.....S 45
Artichoke.....S & R 8	Chinese Wistaria.....P 79	Fuchsia.....S 50	Lilac.....P 73	Perilla.....S 54	Swede Turnip.....S 28, 29
Asparagus.....S & R 8	Chives.....R 82	Funkias.....R 73	Lilies.....B 64, 65	Periwinkle.....S 58	Sweet Peas.....S 6, 62
Asparagus, Orna- mental.....S 42	Chrysanthemum.....S 48, 60	Gaillardia.....S 60, 61	Lily of the Valley.....B 66	Petunia.....S 55, 4	Sweet Pepper.....P 76
Asperula.....S 42, 60	Cigar Plant.....S 48	Garden Lemons.....S 15	Lice Powder.....S 81	Pheasants Eye.....S 41	Sweet Scabious.....S 58
Asters.....S 42, 43, 44, 60	Cineraria.....S 47	Garden Tools.....92	Linum.....S 51, 61	Philadelphus.....P 76	Shrub.....P 75
Auricula.....S 42, 60	Cinnamon Vine.....B 64	Garlic Sets.....97	Lindendron.....P 77	Phlox.....S 56, 61, P 74	Sweet Sultana.....S 46, 58
Australian Glory Pea.....S 48	Citron.....S 17	Cleome.....S 48	Lobelia.....S 51, 61	Pinks.....S 49, 60, P 74	Sweet William.....S 61
Australian Silk Oak.....S 50	Clarkia.....S 48	Cleome.....S 48	Look-at-Me.....S 48	Platycodon.....S 58	Syringae.....P 76
Avena Sterilis.....S 59	Clematis.....S 60, P 78, 79	Cleome.....S 48	Lophospermum.....S 51	Planet Jr. Tools.....89, 90	Syringes.....87
Baby's Breast.....S 4, 50, P 73	Cleome.....S 48	Cleome.....S 48	Louse Killer.....84	Plant Food.....94	Tables of Seed.....94
Bachelor's Button.....S 46	Cleome.....S 48	Cleome.....S 48	Love-in-a-Mist.....S 54	Plant Tubs.....94	Tares.....S 39
Balloon Vine.....S 45	Cleome.....S 48	Cleome.....S 48	Love-ies-Bleed- ing.....S 41	Polyanthus.....S 51	Tassel Flower.....S 46
Balsam.....S 45	Cleome.....S 48	Cleome.....S 48	Lucerne.....S 35	Pot Corn.....S 15	Tesote.....S 30
Banana Tree.....S 52	Cleome.....S 48	Cleome.....S 48	Lunaria.....S 51	Poultry Supplies.....84, 85	Thermometers.....84, 88
Barbadoes Spice Lily.....B 63	Cleome.....S 48	Cleome.....S 48	Lupinus.....S 51, 61	Powder Gun.....87	Thrift.....P 74
Barberry.....S 40, P 75	Cleome.....S 48	Cleome.....S 48	Lychnis.....S 61	Premiums.....8	Thunbergia.....S 58
Barley.....S 30	Cleome.....S 48	Cleome.....S 48	Madeira Vine.....B 64	Primrose.....S 54, 55, 4	Thyme.....S 25, P 82
Bartonia.....S 45	Cleome.....S 48	Cleome.....S 48	Magnolia.....P 76	Primula.....S 55	Timothy.....S 34
Barrel Pumps.....86	Cleome.....S 48	Cleome.....S 48	Maiden Hair Tree.....P 77	Privet.....P 76	Tobacco.....S 25, 53
Baskets.....88	Cleome.....S 48	Cleome.....S 48	Maize.....S 77	Prunus.....P 76	Tobacco Plant.....S 53
Beans.....S 9	Cleome.....S 48	Cleome.....S 48	Malope.....S 27	Pumpkin.....S 18	Tomato.....S 7, 24
Beckkeepers' Supplies.....91	Cleome.....S 48	Cleome.....S 48	Mangel.....S 27	Pumps.....86	Tools.....92
Beet.....S 10, 26	Cleome.....S 48	Cleome.....S 48	Marguerites.....S 42, 48	Purple Fountain Grass.....S 59	Tree Seeds.....S 40
Beet, Ornamentals.....45	Cleome.....S 48	Cleome.....S 48	Marigold.....S 23	Pyrethrum.....S 55, 61	Tritoma.....R 74
Beet, S.....B 63	Cleome.....S 48	Cleome.....S 48	Marvel of Peru.....S 52	Quaking Grass.....S 59	Tropeolum.....S 58
Bell Flower.....S 60	Cleome.....S 48	Cleome.....S 48	Matricaria.....S 52	Quince.....P 75	Trumpet Creeper.....P 78
Bellis.....S 49	Cleome.....S 48	Cleome.....S 48	Maurandia.....S 52	Radish.....S 22	Tuberose.....B 66
Berberis.....P 75	Cleome.....S 48	Cleome.....S 48	Melon.....S 17, 17	Rakes.....S 92	Turnip, Garden.....S 25
Berry Boxes.....B 63	Cleome.....S 48	Cleome.....S 48	Mesembryanthemum.....S 52	Rape.....S 39	Turnip, Field.....S 28, 29
Bessera.....B 63	Cleome.....S 48	Cleome.....S 48	Mexican Fire Plant.....S 51	Raspberries.....P 83	Umbrella Plant.....S 48
Bignonia.....P 78	Cleome.....S 48	Cleome.....S 48	Mexican Primrose.....S 54	Rat Corn.....95	Useful Tables.....94
Blackberries.....P 83	Cleome.....S 48	Cleome.....S 48	Mexican Star Flower.....B 64	Red Hot Poker Plant.....P 74	Vegetable Mar- row.....S 23
Blackberry's Foods.....95	Cleome.....S 48	Cleome.....S 48	Michael's Daisy.....S 60	Red Top Grass.....S 40	Venus Naval Wort.....S 48
Blanchard Heart.....B 65	Cleome.....S 48	Cleome.....S 48	Mignonette.....S 52, 5	Rhodanth.....S 57	Verbena.....S 59, 61
Bleeding Heart.....B 65	Cleome.....S 48	Cleome.....S 48	Milk Substitute.....95	Rhubarb.....S 22, R 82	Vetches.....S 39
Blue Marguerite.....S 42	Cleome.....S 48	Cleome.....S 48	Milla Biflora.....B 64	Ricinus.....S 56	Viburnum.....P 77
Bone and Grist Mills.....85, 86	Cleome.....S 48	Cleome.....S 48	Millet.....S 39	Rock Cress.....S 60	Violet.....P 74, S 61
Books.....91, 93	Cleome.....S 48	Cleome.....S 48	Mimosa.....S 52	Rocket.....S 51, 61	Vinca.....S 58
Borecole or Kale.....S 8	Cleome.....S 48	Cleome.....S 48	Mint.....S 52	Roflea.....S 92	Virginia Creeper.....P 78
Boston Ivy.....S 60	Cleome.....S 48	Cleome.....S 48	Mirabilis.....S 52	Rosa Rugosa.....P 71	Virginian Stock.....S 58
Brachycome.....S 45	Cleome.....S 48	Cleome.....S 48	Mixtures.....S 59	Rose.....S 57	Wahlenbergia.....S 58
Bridal Wreath.....P 77	Cleome.....S 48	Cleome.....S 48	Mock Orange.....P 76	Roses.....P 70, 71, 72, 75	Wall Flower.....S 58
Briza.....S 59	Cleome.....S 48	Cleome.....S 48	Monkey Flower.....S 52	Rose of Sharon.....P 75	Wall Fountain.....84
Broccoli.....S 8	Cleome.....S 48	Cleome.....S 48	Monk's Hood.....S 60	Roup Cure.....84	Watering Cans.....87
Brooders.....86	Cleome.....S 48	Cleome.....S 48	Moonflower.....S 51	Ruta Baga.....S 28, 29	Watsonia.....S 4
Bromus Brize- formis.....S 59	Cleome.....S 48	Cleome.....S 48	Morning Glory.....S 47	Rye.....S 30, 40	Wheat.....S 36
Bromus Inermis.....S 40	Cleome.....S 48	Cleome.....S 48	Mourning Bride.....S 58	Sage.....S 25	Weeders.....85
Brom Corn.....S 45	Cleome.....S 48	Cleome.....S 48	Musa.....S 52	Sage, Mammoth.....R 82	Weigelia.....P 77
Bullia.....S 38	Cleome.....S 48	Cleome.....S 48	Mushroom Spawn.....S 52	Salisbury.....P 77	White Clover 3rd cover page
Bulls.....S 8	Cleome.....S 48	Cleome.....S 48	Musk Melon.....S 17	Salsiglossis.....S 57	Wild Cucumbers.....S 50
Bush.....S 30	Cleome.....S 48	Cleome.....S 48	Musk Plant.....S 52	Salsify.....S 23	Wild Garden.....S 59
Bush, Flower.....S 51	Cleome.....S 48	Cleome.....S 48	Mustard.....S 16	Salvia.....S 27	Wild Rice.....S 40
Bush, Star.....S 61	Cleome.....S 48	Cleome.....S 48	Myosotis.....S 61, P 74	Sand Vetch.....S 39	Wistaria.....P 79, B 63
Bush, Star.....S 61	Cleome.....S 48	Cleome.....S 48	Nasturtiums.....S 4, 53	Satin Flower.....S 50, 51	Xeranthemum.....S 58
Bush, Star.....S 61	Cleome.....S 48	Cleome.....S 48	Nemesis.....S 4	Savory.....S 25	Yucca.....P 77
Bush, Star.....S 61	Cleome.....S 48	Cleome.....S 48	Nemophila.....S 53	Scabious.....S 58, 61	Zanzibar Blsm.....S 51
Bush, Star.....S 61	Cleome.....S 48	Cleome.....S 48	Nest Egg.....84	Scabiosa.....S 57	Zea.....S 58
Bush, Star.....S 61	Cleome.....S 48	Cleome.....S 48	Nicotiana.....S 53	Schizanthus.....S 57	Zinnia.....S 59
Bush, Star.....S 61	Cleome.....S 48	Cleome.....S 48		Seed Pink.....P 74	Zizania.....S 40
Bush, Star.....S 61	Cleome.....S 48	Cleome.....S 48		Seed Sowers.....85, 86, 89	

"Canada's Greatest Seed House"



VIEWS IN ONE OF OUR WAREHOUSES

- 1—Receiving Floor—Clover Department.
2—One End of Storage Room—Export Department.
3—Another Storage Room—Export Department.

Shown on the Front Cover of this Catalogue are Illustrations of three of our Warehouses. **WE HAVE OTHERS.**

Achieved by laying bricks—not by throwing them: From the start our idea has been to give such service, such value and such satisfaction, as would make you think of us first whenever you want anything in Seeds.

The centre illustration on cover represents the largest, most up-to-date, best equipped and finest seed warehouse in Canada, if not in America. Its dimensions are 100 by 160 feet, with a floor space of 96,000 sq. feet, or over 2 acres. The combined floor space of our several warehouses at the present time totals about 200,000 sq. feet.

The persistent growth of our trade has been something more than a mere happen-so, and the fact that we have the largest establishment of its kind in Canada, and one of the largest on the continent, speaks for itself.

The Business Has Grown Through Deserving to Grow.

The basis of all our dealings from the very beginning has been absolute reliability, and we have customers who have been doing business with us continually for thirty-five years. The variety and excellence of **Steele, Briggs' Seeds** have gained for us the confidence of many thousands of customers, and, in pointing with pride to our New Building, we are not unmindful of the esteem and confidence of these many friends whose support and encouragement have made the business what it is.

SEED EXPERIENCE

There is no business in the world in which well directed knowledge and experience means so much as in seeds. We have the organization and the equipment to do things precisely right, and stop at no pains or expense to ensure the very best qualities adapted to Canadian requirements.

STEELE, BRIGGS' SEEDS

...from high-grade ... and submitted to careful laboratory tests for strength and maturity. Every package has behind it the experience of 41 years' successful seed growing and selling, and with larger facilities at our disposal we are able to handle the business to better advantage than ever before.

"Canada's Greatest Seed House"

(Other Photographs of Parts of Our Warehouses)

OUR WATCHWORD

RIGHT VARIETIES
TRUE TO NAME
HIGH GERMINATION
PURE, CLEAN SEED

THIS Canadian Seed House was founded forty-one years ago. The principles laid down by the founders were "**Reliability and Progressiveness**"; the aim, "**To establish a trade second to none in America.**" Now, after this lapse of time, what is the position? We must not boast; but to say the least, the business has received its full measure of success. To-day there is no settlement in Canada where Steele, Briggs' seeds are not known as a household word—no State in America where some of our stocks are not in demand—no country in Europe where our shipments do not go. Australia and New Zealand call for our seeds; South America, South Africa and Japan gets them. The confidence accorded us by customers, bankers and seed-growers in all parts of the world is a tribute to solid foundation principles and our earnest effort to carry them out.

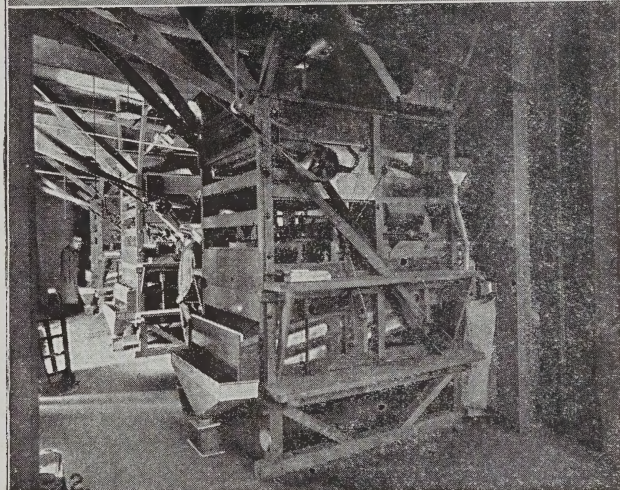
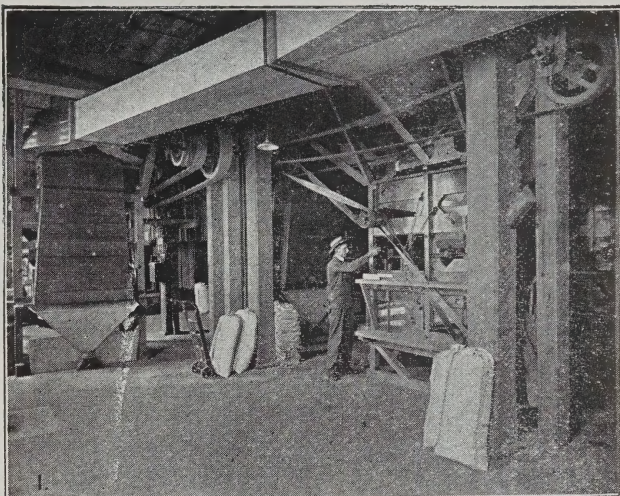
We early learned that reliability
in the Seed Business depended
considerably on our thorough
knowledge of stocks.

This could only be acquired by careful field tests. We therefore established Trial Grounds which now cover twenty-eight acres, and are sparing neither money nor effort to equip them efficiently. Field tests of every variety are made from year to year. **THUS WE KNOW OUR STOCKS** and are in a position to eliminate deterioration and to keep quality and type to the highest standard.

We test all our Seeds—Vegetable, Flower and Field. Not a variety is passed over.

Ever on the alert—procuring and proving new varieties, and listing the hardiest and best, keeping standard sorts up to the highest mark—this policy has made Steele, Briggs' Seeds for purity and quality unsurpassed by any in the world and for **Purity, Quality and Variety** absolutely unequalled for Canada.

We have the policy, the organization and the fixed purpose to ensure the highest standard of quality known in Seeds.



1—Partial view of the Main Mill and Cleaning Room.
2—Another part of the Mill Room.
3—Corner in Box Seed Department.

NEW ASTER, "ROCHESTER PINK"

567 This new Aster is one of the latest and highest achievements in Asters. The plants are of very healthy, robust, branching growth, about two feet high, producing, on long stems, massive flowers of perfect form and faultless outline, and exceedingly double to the very centre. The flowers are the most beautifully formed of all large Asters. The petals are of thick, durable substance, and, in consequence, the flowers last long in perfection. These Asters are wonderfully prolific and continuous bloomers from summer until checked by frost. When grown in masses in garden borders, or grouped in beds, their decorative effect is unapproachably gay and enlivening. These magnificent blossoms, being gracefully poised on strong, well-leaved stems, 15 to 18 inches long, resemble good-sized Chrysanthemums and are unsurpassed as cut flowers for vases and home decorations. Per Pkt., 15c.

NEW WHITE WATSONIA

(WATSONIA ARDENSEI ALBA)

This new white variety was introduced from South Africa recently, has aroused great interest, and will, most likely, become a very popular plant, for it has unusual merit. The bulbs, something like those of gladiolus, send up branching stems, 3 to 4 feet high, each stem bearing a dozen or more flowers $2\frac{1}{2}$ to 3 inches long by 2 inches across. Its pure snow-white color and great substance render it exceptionally beautiful as a cut flower. It may be grown as a winter cut flower, or the bulb may be planted in the spring in a garden, like a gladiolus, flowering from July to September. A strong plant will bear as many as 250 to 300 flowers in a summer. Strong bulbs, each, 15c.; dozen, \$1.50.

STATICE, SUWOROWI

568 A most elegant plant from 20 to 24 inches high. The freely branching stems carry innumerable small, bright, rose-colored flowers. Extremely useful for bouquets and for winter decoration of vases; also used with great effect in rockeries. Packet, 15c.

HARDY BLUE PRIMROSE

569 A beautiful blue-flowered type of the popular old English Yellow Primrose. Equally as hardy, and a fitting companion for naturalizing in wild, partially shaded nooks among shrubs or for planting either in turf or herbaceous border. Pkt., 25c.

GIANT SINGLE PETUNIA

(GRANDIFLORA SUPERBISSIMA)

570 A strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely ruffled or fringed on the edges and are of enormous dimensions (4 to 5 inches across), but their great merit lies in the tremendous variety of colors, markings, veinings, blotches and stripings, in the most grotesque and beautiful combinations; some with charming deep throat of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely, delicate shades. Price, per Pkt., 25c.

Nemesia Strumosa Suttoni

571 These new English hybrids have attained the highest development in this favorite class of annuals so popular for bedding and pot culture. The plants grow 6 to 8 inches high, in round bush form, and bear continuously during the summer myriads of brilliantly colored flowers; cream, orange, yellow, crimson, rose, scarlet, etc., lipped with other colors. Mixed Colors. Pkt., 15c.



African Golden Daisy



PETUNIA, GRANDIFLORA SUPERBISSIMA

Double Flowering BABY'S BREATH

(GYPSOPHILA PANICULATA FL. PL.)

572 This was introduced in plant form a few years ago, but being somewhat difficult to propagate was likely to remain scarce. We are now able to offer seed of it, which reproduces itself about 50 per cent. true, which should help its rapid dissemination. The plant grows from 3 to $3\frac{1}{2}$ feet high, bearing its pretty little double white flowers in much-branched panicles, which, when cut, can be used to great advantage with other flowers or by themselves, as they retain their beauty for months. Also a most desirable addition to the hardy border. Pkt., 20c.

NEW AFRICAN DAISY

(or Dimorphotheca Aurantiaca Hybrids)

573 A rare and extremely showy annual from Namaqualand, South Africa, which has become a great favorite in all countries on account of its very easy culture and its beautifully colored flowers. The plants, of very neat branching habit, grow about 12 to 15 inches high, and are exceedingly profuse in flowering. Its Marguerite-like blossoms, $2\frac{1}{2}$ to $2\frac{3}{4}$ inches in diameter, show unique, glossy, rich orange-gold, pink, white and purple shades, which brilliant coloring is rendered the more conspicuous by the dark-colored disc surrounded by a black zone. This splendid annual is well adapted for groups or borders; it produces its pretty flowers very early after being planted out in the open ground in sunny situations, and will continue to flower during the summer months. A bed in full bloom is a magnificent sight on bright days. We introduced it 4 years ago, and it has delighted every grower. Pkt., 10c.

AFRICAN PIPE GOURD



AFRICAN PIPE GOURD

574 A luxuriant, rapid-growing annual climber, adaptable to all purposes for which climbing plants are used; and besides, it produces the ornamental gourds from which are made the African Calabash pipes now so popular on account of their lightness, grace and meerschmaw coloring qualities.

When grown for the production of pipe gourds, the vines are usually allowed to grow on the ground like cucumbers, pumpkins, etc., so that the fruits in place of hanging down and growing straight, will take their natural pipe curve. Pkt., 10c.

BURBANK'S NEW ESCHSCHOLTZIA

579 ("FIRE-FLAME") "The Crimson Eschscholtzia Californica, which originated on my place, produced, before it was fixed, a unique sport of most unusual color. This was so strikingly brilliant and wholly unique that the plant was divided, reset, and the seed saved with unusual care; three years later the new strain had become very well fixed, and is now first offered."

The plants of this new strain grow compact, generally upright, produce flowers in the utmost profusion throughout the season which are wonderful in color, being a rare combination of lemon-yellow and rosy-crimson, not in stripes, but in a perfect, blend which has very aptly suggested the name of "FIRE-FLAME" which in two words describes the color combination which would otherwise take a paragraph. Nothing as beautiful in this shade has before been seen among the Eschscholtzias. Pkt., 10c.

NEW GIANT ANTIRRHINUM OR SNAPDRAGON "PURPLE KING"

580 These form brilliant garden beds, flowering profusely and continuously the first season from seed. Unusually effective bedding displays are made from these noble plants; they grow about 2 feet high, are healthy and stocky, and completely enveloped with large Snapdragon flowers of splendid texture and substance, rendering them very durable under all conditions of weather; their continuous-blooming qualities, ease of culture and independence of heat and drought, and pure, purple color, should entitle them to a permanent place in gardens. Although perennials, they do splendidly when grown as annuals; spring-sown seed produces flowering plants by July, which continue to bloom in increasing profusion until frost. With its immense deep and glowing purple flowers this splendid Snapdragon is without doubt the Pioneer of the new "Giant Class."

Pkt., 15c.

Giant Ruffled Pansies

581 A remarkable strain of Giant Pansies, the flowers of which are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be undulated and fluted from centre to circumference, not unlike "frilled" velvet. The unusual substance of these flowers, aided by these corrugations, thus enables them to present bold, open and handsome faces, even during windy or dry summer weather, when other pansy flowers flop or wilt. The flowers are extraordinarily large and are borne on strong stems well above the foliage; they are nearly all five-blotted on the "Odier" pattern, and contain rich combinations of coloring, including some new tints and blendings not met with in other Pansies. The plants are vigorous and large, and flower abundantly. Mixed colors. Pkt., 25c.

GIANT SNAPDRAGON
"PURPLE KING"

"CENTAUREA IMPERIALIS"

These lovely hardy annuals are very useful for table decoration, buttonholes, wreath-making, and all decorative purposes, as they flower on long, stout stems from 1 to 2 feet in length. Should be sown in May (where they are to flower) to end of June. As soon as large enough to handle, the plants must be thinned out and staked. Slugs are very fond of them, so that the ground should be well manured and limed at the time of sowing, with dusting of lime occasionally in the evenings. This strain awarded gold medal at Holland House Show, London, Eng., 1913. Many Gold and Silver Medals and First-Class Certificates awarded.

576 Centaurea, The Bride (White) Per pkt. 15c.

577 —The Bridegroom (Heliotrope) " 15c.

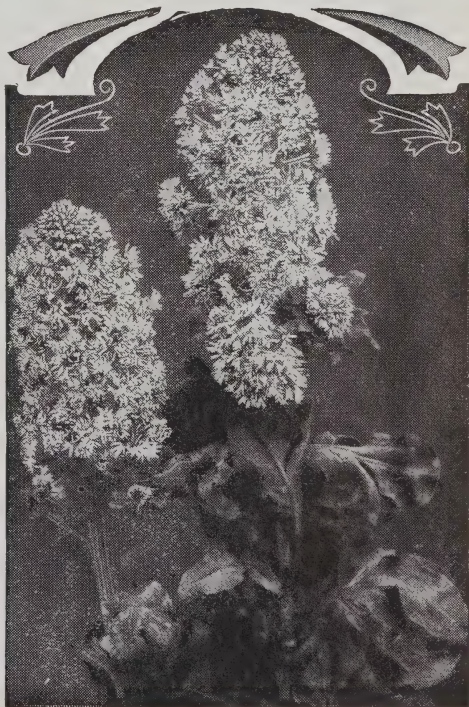
578 —Pink " 15c.

NEW GIANT MIGNONETTE "BISMARCK"

575 One of the finest Mignonettes for garden culture; of stocky, candelabra habit, strong growth, luxuriant foliage, healthy and deep-rooting. The average spikes of flowers are immense, measuring 6 to 8 inches long by 2½ inches in diameter, and are compactly filled with giant florets, measuring half-inch across and packed full, even in the centre, with anthers, or three times as many as the older Mignonettes contain. The color of the florets—fire-red—is strengthened on account of the density of the florets and spikes, thus presenting almost solid columns of brilliant red, effectively contrasted against the healthy rich green foliage. The fragrance is delightfully rich and powerful. (See cut.) Pkt., 15c.; per 1,000 seeds, 50c.



GIANT RUFFLED PANSIES



NEW GIANT MIGNONETTE "BISMARCK"

SPENCER HYBRID SWEET PEAS

The popularity of this flower amounts to enthusiasm in all parts of the world. In the eagerness to be the first to exhibit new varieties a great many novelties have appeared that have not been properly "fixed." These have broken into all sorts of mixtures, and a great repetition of names has resulted. Knowing this, we have been on our guard, and while aiming to be up-to-date with the best of new introductions, we save our customers disappointment by barring from our list many so-called latest, but truly unreliable sports.

We consider the following selections to be the cream of the most distinct, new and beautiful large-flowered varieties, which have been so greatly admired at leading exhibitions, as introduced by the leading growers of Europe and America, and feel confident that the lover of Sweet Peas will find our list all that can be desired. (See colored illustration on back page of Cover.)

"APPLE BLOSSOM" SPENCER

586 This is a reproduction of the long-time popular Apple Blossom Sweet Pea, but of enlarged size and true Spencer type. The form is most attractive; the petals are waved and crinkled to a remarkable degree, with distinct serrations on edges of standard. (Stock limited.) Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

AURORA SPENCER (No. 1)

587 It is a brilliant orange-rose, striped and flaked on white; of the finest Spencer form and immense size—rather larger than Countess; unquestionably the most attractive of the striped Spencers. Both standard and wings are wavy in a marked degree. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

ASTA OHN

588 Another Spencer of peculiar value on account of its dainty pinkish lavender tint. A beautiful shade, and one of the best of modern Spencers. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

COUNTLESS SPENCER

589 Not new, but one of the loveliest of all our stock; is the true original of finest type, grown by the most careful specialists. A bright, clear pink, showing a little deeper at the edges. The form is open, and the margin of the petals is wavy. Both standard and wings are very large, the blossoms frequently measuring two inches across. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

FLORENCE MORSE SPENCER

590 Delicate blush with pink margin. Very large, open wavy form of the best Countess Spencer type, with long stems and three or four blossoms to the stem. Perhaps better described as a light, pink-edged Countess Spencer. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

GEORGE HERBERT SPENCER

591 Bright, rosy carmine, large, open, wavy form of the Countess Spencer type, deeper and brighter than John Ingman. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

HELEN LEWIS SPENCER

592 Standard is crimson-orange; wings, orange-rose. One of the handsomest of the new Sweet Peas. It is a selection out of Countess Spencer; is of very large size and open form, with the charming wavy petals of Countess Spencer. Usually three or four flowers on a stem. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

WEDGWOOD (No. 3)

593 Appropriately named, being a true self of the most beautiful Wedgwood blue throughout the entire flower and entirely free from all harsh purple shading. Produces profusely flowers of good size, borne almost uniformly in four-flowered sprays, well placed upon long stout stems. Of finest Spencer form, the standard and wings are well waved. It is a color that has been long wanted and for which we anticipate an eager demand. Wedgwood was awarded Certificate of Merit by the Pennsylvania Horticultural Society at the Sweet Pea Show, Philadelphia, June 26, 1913. Per packet of 15 seeds, 25c.

DAINTY SPENCER

594 White with pink edge. This improved type, however, has been very hard to "fix," and there is still likely to be more or less "breaks" from the Spencer type. However, if half the blossoms come true, there will be more than satisfaction. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

KING EDWARD SPENCER

595 A gorgeous and brilliant crimson scarlet. An immense flower with large, wavy standard and long drooping wings. The best of the bright reds. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

LOVELY SPENCER

596 A bright pink at the base of the petals, both wings and standard shading to blush, and almost white at the edges. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

MRS. RUTZAHN SPENCER (No. 5)

597 A beautiful blending of soft straw color, tinted with blush pink, and shading to rose at the edges, with quite a distinct rose margin. A decided beauty. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

OTHELLO SPENCER

598 The celebrated dark variety we offered for the first time last season. Deep maroon self. Extremely large and beautiful. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

PRIMROSE SPENCER

599 Pronounced primrose color throughout; both standard and wings are thoroughly crinkled and waved. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

SENATOR SPENCER (No. 4)

Although this variety belongs in the darker colored class, the lighter background gives a mass of the blossoms a sort of heliotrope which is very pleasing. The color is striped and flaked on a ground of light heliotrope. 600 Senator Spencer is a true Spencer form—wavy edges on both standard and wings—large, round, fluffy standard, long, drooping wings. The growth is the strongest of all Spencers now in cultivation.



TYPE SPENCER SWEET PEA

The vines are a perfect mass of bloom throughout the season. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

WHITE SPENCER (No. 2)

601 Produces flowers of enormous size that are absolutely pure white. The standard is decidedly waved, crinkled and fluted. The flowers are borne three or four to the stem. The vines are most vigorous in growth, and are nearly covered with bloom. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75.

SINCERITY (No. 6)

602 At time of preparing the sketch on our Cover, the crop of this new variety promised fair, but a little later we were sadly disappointed, saving practically only sufficient for stock seed. Thus we are unable to supply Sincerity this season, but hope to have it next year.

GIANT FLOWERING SPENCER HYBRID SWEET PEA MIXTURE

603 Composed exclusively of Spencer Hybrids, which type, having an open keel, are hybridized easily, and have produced several exquisite colors and shades, all of the orchid flower wavy form. The flowers are so set on the stem that there is a graceful fluffiness to a bunch of them, in distinct contrast to the ordinary kind of Sweet Peas. Mixed from the above varieties. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

NEW BUSH MUSK MELON

Delicious Musk Melons may be grown in every garden. The saving in space permits twice as many melons to be produced as from vine varieties.

The fruits average 5 inches in diameter, they vary somewhat in shape from flattened round to almost spherical, the ribs are shallow, the surface is dark green, but so densely netted that it appears almost russet-colored. The flesh is very deep, edible almost to the rind, and is colored light green, flushed with salmon toward the centre. The seed cavity is small. The quality is superb, lusciously sweet and juicy with a cool, gratifying flavor and a delightful aroma. They ripen a little in advance of "Rocky Ford."

But the crowning merit of the **Bush Musk Melon** is its vineless character of growth or "bush" habit, which is of distinct advantage, thus saving space and permitting it to be grown in even small gardens where home-grown melons have been denied on account of the amount of ground that the running varieties require.

The plants are stocky and vigorous, growing from 15 to 18 inches in length, and two or three of them to a hill, form a circular mound $2\frac{1}{2}$ to 3 feet in diameter which permits the hills to be spaced 3 feet apart.

The seed we offer was grown for us by C. Harrison, Aldershot, Ont., near Hamilton. Pkt., 15c.; 4 pkts., 50c.

NEW EXTRA EARLY TOMATO "BYRON PINK"

Quality Excellent, Perfect Shape, Prodigious Yields, Splendid Forcer, Best Extra Early for Outside Culture.

This great variety was originated, grown, and introduced by R. Dengate, of Ealing, Ont., and is a very valuable addition to the list of Tomatoes. Earlier than Earliana, and a vigorous grower, with a medium-sized leaf. Plants healthy and strong. The fruits are of medium size. Round, very smooth and meaty. Borne in large clusters and the color is a deep pink, almost red, and ripens up very uniformly. The fruits are very deep from stem to flower end, and not liable to crack, and the flavor is all that can be desired. This variety will prove a money-maker for gardeners and others who desire an extra early variety suitable for either forcing or outside culture. Pkt., 15c.; $\frac{1}{2}$ oz., 75c.; oz., \$1.25.



BUSH MUSK MELON



TOMATO "BYRON PINK"

"Your Flower and Vegetable Seeds have turned out most satisfactory with us this year. The Sweet Peas and Summer Cypress especially were wonderful, and we see the wisdom of ordering from the Catalogue."

G. W. STEADY, Prince Albert, Sask., 1913.

"Everyone who has seen our garden say they have not seen such a good display of Beets, Turnips, Cabbage, Beans, Radish, etc., anywhere around here. As regards the Sweet Peas, I certainly think you underestimate their color and size of bloom, they were beautiful."

MRS. A. LEIROLLETTE,
S. Vancouver, B.C., 1913.



GLADIOLUS

Gilchrist's Superb Collection GLADIOLI 7 for \$1.25 (postpaid)

Cardinal. Very large and the brightest, clearest and most intense cardinal scarlet yet seen. Very rich and showy and by all odds the very finest high-colored sort. Each, 25c.; doz., \$1.75.

Madame Monneret. Delicate rose. A very beautiful flower. Each, 15c.; doz., \$1.50.

Superb. Large flower, pink, flaked and striped with salmon pink. Each, 15c.; doz., \$1.50.

Shakespeare. White, very slightly suffused with carmine-rose; large rosy blotch. The flower is wide open and of good quality. Each, 15c.; doz., \$1.50.

Queen of the Yellows. This is the most valuable yellow variety ever introduced. It produces a long spike of the clearest yellow flowers yet seen in any Gladiolus. As it becomes known there will be a great demand for it as it fills the need of a sterling yellow variety. Each, 25c.; doz., \$2.00.

Marie Lemoine. Pale, creamy color, purplish red blotch. Each, 20c.; doz., \$1.75.

De Cherville. Tall, erect flower, color a beautiful pink, tinged with yellow. Each, 20c.; per doz., \$1.75.



TESTED

VEGETABLE SEEDS.

GENERAL LIST

WE make it our constant aim to supply seeds of the **Highest Standard of Excellence** a first consideration, and next, to make prices as low as such quality of seeds can be sold. Every variety is tested at our own grounds each year, and by careful comparison with stocks obtained from other sources, we know that better seeds than we sell cannot be procured from any source. By these comparative trials we learn the merits and demerits of every known vegetable, and by leaving from our list varieties of doubtful merit, we save our customers disappointment and loss.

SEEDS PREPAID BY MAIL Please bear in mind that prices in the following list include **prepayment of postage** by us to any post office in Canada for all seeds offered by the ounce, two ounces, quarter pound and pound, except where noted. You have only to send us Catalogue prices when ordering, and be assured that we shall do the rest.

PREMIUMS Customers when ordering Vegetable or Flower Seeds at packet rates, at single packet prices, and when sending the following amounts, viz.:

When sending \$1.00 may select 25c. extra in pkts.
2.00 " 50c. "

When sending \$3.00 may select 75c. extra in pkts.
4.00 " 1.00 " "

THESE PREMIUMS do not apply to orders at ounce, quarter pound, or pound prices, nor on Collections, Special Offers, Bulbs, or Plants, nor can the value for extras be supplied in other than seeds at packet rates.

MARKET GARDENERS who require large quantities of seed are invited to write for our special Gardener's List. It will only be sent to those who grow for market, and require seeds in quantity. In writing please state whether a Market Gardener or Florist.

ASPARAGUS FR., *Asperge*. Sow one ounce for 60 feet of drill. Sow in March or April, in rows 1 foot apart. When two years old transplant into permanent beds which should be well and deeply manured and trenched to a depth of 2 feet. Set the plants (in rows) from 3 to 4 feet apart, and two feet in rows, spreading out the roots, covering from 6 to 8 inches.

Asparagus Palmetto. A choice variety, producing white stalks of large size and finest quality. Pkt., 5c.; oz., 15c.; ¼ lb., 25c.; lb., 90c. Strong two-year-old roots, per 100, \$1.50, postpaid; by express at purchaser's expense, \$1.20 per 100.

—**Colossal.** Standard variety, very productive. Pkt., 5c.; oz., 15c.; ¼ lb., 25c.; lb., 75c. Roots, per 100, \$1.10, by express at purchaser's expense.

—**Columbia Mammoth.** A variety of large size and merit. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00. Strong two-year-old roots, per 100, \$1.60; postpaid; by express at purchaser's expense, \$1.30 per 100.

ARTICHOKE (Globe) FR., *Artichaut*. Sow in April in rich soil, transplant the following spring to permanent beds (in rows and hills) 3 feet apart, and 2 feet between plants. They only give a partial crop the first season, but the beds remain in bearing for years. Protect in winter by leaves or coarse manure.

Artichoke, Large Purple Globe. Grown for the unripe flower heads, which are highly esteemed by epicures. Pkt. 5c.; oz., 50c.

Artichoke, Jerusalem. Grown exclusively for its tubers, which somewhat resemble potatoes, and are cultivated in a similar manner, only the rows should be at least 4 feet apart when grown in strong soils. Used in feeding sheep and hogs. Strong tubers (lb., 30c.; 3 lbs., 75c., postpaid); peck, 75c.; bushel, \$2.50, by express at purchaser's expense.

BRUSSELS SPROUTS FR., *Chou de Bruxelles*. GER., *Kopjohhl Grener*.

One of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts representing small cabbages of excellent mild flavor. By sowing in April or May, and transplanting in July, may be had in fine condition until December.

Brussels Sprouts, Dalkeith. Produces compact sprouts, or heads of excellent quality. Pkt., 5c.; oz. 25c.; ¼ lb., 75c.

BROCOLI FR., *Brocoli* GER., *Spargel Kohl*

Sow end of April in the open ground, then transplant about 2 ft. apart in deep rich ground. When they flower, break the large leaves over the heads to protect them from the sun.

Brocoli, Walcheren White. Large, firm, white heads, very hardy, endure cold and withstand heat and drought well. Pkt., 5c.; oz., 50c.; ¼ lb., \$1.50.

BORECOLE or KALE FR., *Chou Vert*. GER., *Blatter Kohl*.

Sow from middle of April to May in prepared beds, covering seed thinly and evenly; transplant in June; treat same as cabbage. The varieties are all hardy, and best when touched with frost.

Borecole, Green-curl Scotch Dwarf. Grows to a height of 18 to 20 inches, 3 feet in diameter; leaves bright green and beautifully curled. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.



BORECOLE OR KALE



BRUSSELS SPROUTS



BEANS

FR., *Haricot nain.*
GER., *Busch Bohnen.*

DWARF OR BUSH

Two Pounds will plant 100 feet of Drill, One and one-half bushels for one acre.
If wanted by mail, add 5c. per lb. for postage.

Dwarf Beans as a rule are more hardy and earlier than the running sorts. They are usually planted in drills, and stand well without support. The rows should be 2 to 3 feet apart, according to the character of the soil, and the covering about 2 inches. Beans will thrive upon light soils, although more profitably grown under cultivation upon stronger land, where the rows should be kept well apart. Being quite tender, they should not be planted until danger from frost is over, and a dry warm soil is needed to ensure germination.

WAX PODDED VARIETIES

Beans, Black Seeded Wax. A popular variety; very early; pods a waxy yellow, solid, tender, almost transparent, almost stringless, very free from rust and of fine quality; seeds, when ripe, jet black. *Lb., 20c.; 5 lbs., 90c.; 15 lbs., \$2.50.*

—Hodson Wax. The beans are brittle, tender, of fine texture and excellent flavor, and if picked before too old, are stringless, with little fibre. The yield from the Hodson Wax Bean averages 20 to 30 per cent. heavier than from other Wax varieties. An excellent bean for the private gardener, and unsurpassed for the market gardener as a main crop sort. *Lb., 25c.; 5 lbs., \$1.00; 15 lbs., \$2.60.*

—Davis' White Wax. Immensely productive, bearing large, handsome, straight pods, six inches in length. The dry seed, being white, is desirable for winter market as a shell bean. *Lb., 25c.; 5 lbs., \$1.00; 15 lbs., \$2.60.*

—Golden Wax. One of the best dwarf beans known; very early; pods long, brittle, nearly stringless, of a beautiful rich, golden wax color. *Lb., 20c.; 5 lbs., 90c.; 15 lbs., \$2.50.*

—Wardwell's Kidney Wax. Vines large, strong growing and vigorous, producing a large crop of long, nearly straight, handsome, white, wax-like pods of good quality. *Lb., 25c.; 5 lbs., \$1.00; 15 lbs., \$2.60.*

—Scarlet Flageolet Wax. One of the best either for family or market. It is as early as the Golden Wax; the pods are usually free from rust. The pods are very long, broad, flat, yellow, entirely stringless; quality excellent; very productive. *Lb., 25c.; 5 lbs., \$1.00; 15 lbs., \$2.60.*

—White Seeded Wax. Excellent snap bean, fine for shelling; seed, pure white; heavy yielder of excellent quality. *Lb., 25c.; 5 lbs., \$1.00; 15 lbs., \$2.60.*

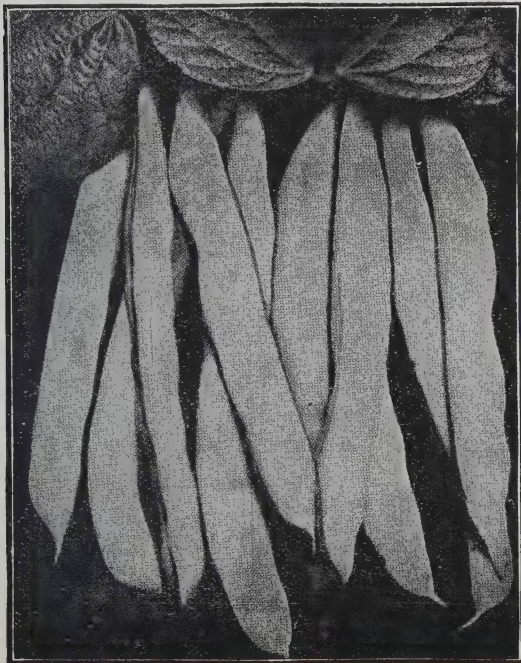
—Keeney's Rustless Golden Wax. A strong-growing bush variety. The pods are meaty and well-filled. Are flat when young, and semi-round later; of rich yellow color and fine quality. *Lb., 20c.; 5 lbs., 90c.; 15 lbs., \$2.50.*

—Round Pod Wax. A medium early variety, producing an abundant yield of round pods, 7 inches long, brittle, very meaty, and of excellent quality. *Lb., 30c.; 5 lbs., \$1.25; 15 lbs., \$3.00.*

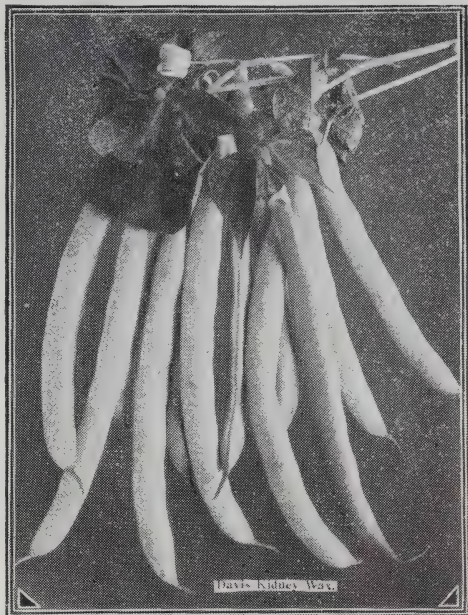
GREEN PODDED VARIETIES

Beans, Early China. Very early and of the finest quality, seeds very white, spotted purplish red. *Lb., 20c.; 5 lbs., 90c.; peck, \$2.25.*

—Early Mohawk. First early, none better for first planting; productive, very hardy, almost rust proof; can be used when half grown. *Lb., 20c.; 5 lbs., 90c.; peck, \$2.25.*



GOLDEN WAX BEAN



Davis Kidney Wax

—Extra Early Round Pod Valentine. Usually ready to pick in thirty-five days after planting. Pods round, thick and fleshy, of finest quality, and unequalled in uniformity of ripening. *Lb., 20c.; 5 lbs., 90c.; peck, \$2.25.*

—Improved Large Refugee. Both pods and seed's are larger than the old Refugee variety, and a better yielder. *Lb., 20c.; 5 lbs., 90c.; peck, \$2.25.*

—Early Long Six Weeks. One of the earliest, pods flat-shaped, very meaty, and of excellent quality, an abundant yielder. *Lb., 20c.; 5 lbs., 90c.; peck, \$2.25.*

ENGLISH OR BROAD BEANS

Beans, Broad Windsor. This class is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant 4 inches apart in row, and 2 inches deep, in drills 4 feet apart. To ensure well-filled pods, pinch off the tops as soon as pods begin to set. *Lb., 30c.; postpaid, 35c.*

—Harrington Windsor. A selected and much improved type of the old Standard sort, being a much heavier yielder, and a larger bean. *Lb., 30c.; postpaid, 35c.*

BUSH LIMA BEANS

The bushes grow 18 to 20 inches high, of stout growth, and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush, from 2 to 3 feet in diameter, and it is also a good cropper. *Lb., 30c.; postpaid, 35c.*

BEANS, POLE or RUNNING

FR., *Haricots a rames.* GER., *Stangebohne.*

One pound will plant 75 hills.

The planting of the various sorts of pole beans should be delayed a week or more after the first planting of the early dwarf sorts. The Limas, being very tender, will do better if not planted in the open ground before June 1st.

Beans, Dutch Case Knife. Very productive. One of the earliest. *Lb., 30c.; postpaid, 35c.*

—Indian Chief or Tall Black Wax. Yellow pods, very tender and sweet, thick and fleshy. *Lb., 30c.; postpaid, 35c.*

—Kentucky Wonder. A splendid, vigorous and productive variety. Pods in clusters, succulent and delicious. *Lb., 30c.; postpaid, 35c.*

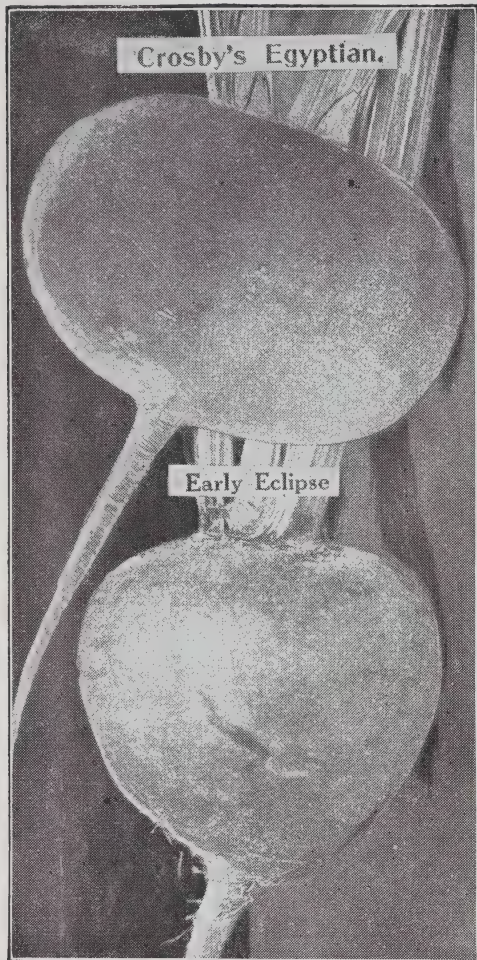
—Large White Lima. A large, late variety, with long, broad, very thick, dark green pods; although late it is esteemed as one of the very best. *Lb., 30c.; postpaid, 35c.*

—Golden Carmine. As the pods approach full size they are mottled and streaked with an unusually bright carmine color on the bright golden yellow, which gives the pods when ready for use a strikingly beautiful attractive appearance. *Lb., 30c.; postpaid, 35c.*

—Scarlet Runners. This variety grows from 10 to 12 feet high, with large green foliage, and flowers brilliantly scarlet, fine for covering arbors, at the same time yielding a supply of wholesome and nutritious food. *Lb., 30c.; postpaid, 35c.*

—White Dutch Runner. Similar to the preceding, excepting seeds and flowers, which are white. *Lb., 30c.; postpaid, 35c.*

—Painted Lady. Grows from 12 to 14 feet high, with fine, green foliage, and covered with red and white flowers, the vine making a splendid climber for trellis, etc. *Lb., 30c.; postpaid, 35c.*



B E E T S FOR THE TABLE

FR., *Betterave Potagere.* GER., *Runkel Rube.*

One ounce will sow 50 feet of drill. Sow as early in spring as ground can be worked, in light, well manured soil, in drills, 12 inches apart, covering the seeds one inch deep, and pressing the soil firmly over them. Thin out to 4 inches apart for table beets; cultivate often.

NEW "ELITE" EGYPTIAN

LARGER, EARLIER AND A HEAVIER YIELDER THAN THE OLD TYPE EGYPTIAN

This new type of Egyptian Beet far excels the old standard sort. It is of the same character but is earlier, larger, rounder, and deeper in form, carrying its weight more evenly right through. The leaves are rather small and narrow. Roots are of good size, roundish at middle, slightly flat at top and a little cornered, carrying its weight well down to a tap root. The flesh is exceedingly firm and fine grained, of a deep blood-red color, very slightly zoned with light red. One of the best varieties for the market gardener or for home use. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

Briggs' Extra Early is a dark crimson, with very faint zones, and is of excellent quality. The flesh is crisp and sweet, and entirely free from earthy flavor. It is flattish round in shape, like an orange, and has firm tap root. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

—Crimson Globe. The best of the early round, deep crimson varieties; as early as Egyptian. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

—Long Smooth, Deep Blood Red. (5) An excellent late variety. Great improvement on Common Long Blood. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

—Edmand's Dark Red Turnip. The root is always smooth, round and handsome; tops small, of good marketable size, and among the best for table use; color dark red, flesh purplish red, crisp, tender and sweet. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

—Dewar's Half Long. Red, flesh-pink zones, sweet and tender; roots smooth, fine even shape. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

—Crosby's Egyptian. A very early and carefully selected strain of the original Egyptian; roots somewhat thicker. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

—Early Flat Egyptian Turnip. One of the earliest, of good quality and medium size; a fine forcing variety, small top. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

—Early Blood Turnip, Select. A standard summer or winter variety; rich, deep blood red. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

—Early Eclipse Red Turnip. Very early, globe shaped, flesh dark, tender and of desirable quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Spinach Beet or Swiss Chard. A variety of beet with beautiful, tender leaves, which are used for "Spinach," and the mid-ribs as Asparagus. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 90c.

CRESS or PEPPER GRASS

FR., *Cresson.*
GER., *Kresse*

Sow thickly in shallow drills, early in the spring, and at intervals throughout the season for a succession, as it soon runs to seed. Water Cress requires a lot of water, and is easily introduced by planting along the margin of ditches or streams, and increases rapidly by the spreading of the roots or from the seed.

Cress, Extra Curled. Very fine, may be cut two or three times. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

—Broad Leaved Green. Very large-leaved variety, pungent and pleasant flavored. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

—Water. A most desirable and appetizing salad, thriving best in shallow water on edges of streams. Pkt., 10c.; oz., 75c.

CHICORY FR., *Chicoree.* Sow Chicory seed in spring in drills $\frac{1}{2}$ -inch deep, and in good mellow soil; the after culture is the same as for carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The roots are cut and dried, and then roasted for adulteration with coffee. An ounce of seed will sow about 100 feet of drill, and from 2 to 3 lbs. an acre.

Chicory, Large Madgeburg or Coffee. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

CURLED CHERVIL

FR., *Gerfeuil.*
GER., *Gartenkerble.*

Cultivated and used like Parsley. Sow at any time in spring, in shallow drills 1 foot apart. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

ENDIVE

FR., *Chicoree.*
GER., *Endievien.*

Tender and delicious autumn salad. Plant in June or July, and when nearly full grown tie together in order to bleach in the centre. One ounce will sow 100 feet of drill, and will produce about 3,000 plants.

Endive, Extra Green Curled. Dark green leaves, which blanch white crisp, tender. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

—Moss Curled. Appearance of a tuft of moss; color dark green, blanches beautifully. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

EGG PLANT

FR., *Aubergine.*
GER., *Eierpflanze.*

Sow in a gentle heat about the first of April. Transplant about the middle of June, setting the plants 3 feet apart. One ounce to 1,500 plants.

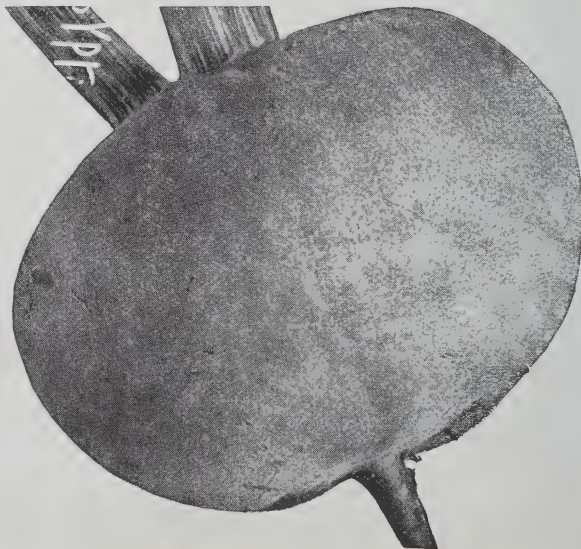
Egg Plant, New York Improved. Purple; very large, oval, heavy fruit. Pkt., 10c.; oz., 60c.

—Early Long Purple. Fruit longer and smaller than the above sort; hardy, productive, early and excellent. Pkt., 5c.; oz., 40c.

—Back Beauty. An Egg Plant from ten to twelve days earlier than New York Spineless. The fruits are broad, thick, very attractive in form, and of good flavor. Pkt., 10c.; oz., 60c.

"I have been using your seeds for the past 27 years, and am well satisfied with the results. Cauliflower, Celery, Tomatoes, etc., have been exceptionally fine."

(Signed) WM. MOSELY, Market Gardener, Weston, Ont.



NEW 'ELITE' EGYPTIAN BEET

CABBAGE

FR., *Chou pomme*
GER., *Kopf Kohl*

For early use sow in a hot-bed in February or March. For late crop sow in a nursery bed, May or June, and transplant as soon as the plants are 5 or 6 inches high. A mixture of salt and ashes applied to the hill when planting is excellent for promoting growth and keeping down the maggot. Good seed, deep rich soil, plenty of manure, thorough cultivation—these are the cardinal points in raising a good crop of cabbage. One ounce of seed will raise about 2,000 plants.

FIRST EARLY VARIETIES

Cabbage, Express Extra Early. One of the earliest. Medium in size, forming an oval head, with few leaves, can be planted very close. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Early Winningstadt. One of the best Cabbages for general use. Heads regularly conical, solid and of excellent flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Early Jersey Wakefield. One of the earliest and hardest heading of the extra early sorts, and most gardeners depend upon it for the bulk of their extra early crop. Heads conical, very compact and solid, of excellent quality. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

"COPENHAGEN MARKET"

Earlier and Better than "Summer."

An extra early round-headed Cabbage of exceptional merit. The heads are medium large, round and slightly flat on top, very hard, firm and solid, with very little core, and of excellent quality. Outside leaves are rather small, inner leaves folding closely over the head, stem short and strong, nearly every plant forming a good compact head. Coming into use about six days earlier than "Early Summer." A grand market garden strain. Pkt., 10c.; oz., \$1.25; $\frac{1}{4}$ lb., \$3.75.



SECOND EARLY VARIETIES

Cabbage, Early Summer. A very early, large, flat-heading variety; two weeks later than the Wakefield, of solid, handsome and compact growth. A favorite with gardeners and valuable for family use. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Charleston, or Large Wakefield. Large solid heads of good quality, a few days later than Early Jersey Wakefield. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

All-Head Early. One of the earliest of large cabbages, being at least a week earlier than Early Summer, fully one-third larger, and produces uniform, solid heads. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Fottler's Improved Brunswick. A second early variety of superior quality, of large, uniform size, a good header. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

All Seasons. An early Drumhead Cabbage, yielding heads of good size. Very desirable, either for extreme early spring or fall use. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Succession. Follows ten days after Early Summer, forming more solid heads, while it can be planted nearly as closely. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Glory of Enkhuizen. This variety is a good one and may be sown for an early and second early sort. It is a sure header and the heads are large and solid. It may be planted closely as the outer leaves are small. "Glory of Enkhuizen" Cabbage has taken First Prize at the National Exhibition, Toronto, for the last five years. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



LATE VARIETIES

Cabbage, Autumn King. One of the finest winter cabbages. Heads roundish and flat, of excellent quality. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Surehead, or Lupton. Produces large, round flattened heads of the flat Dutch type, and is remarkable for its certainty to head. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Premium or Late Flat Dutch. A very fine standard variety, produces large oval to flat-shaped heads, very firm and of excellent quality; splendid winter sort. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Danish Ball Head. The heads are hard, round, of remarkable size, fine grained and good keeper, making it very popular for winter market. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

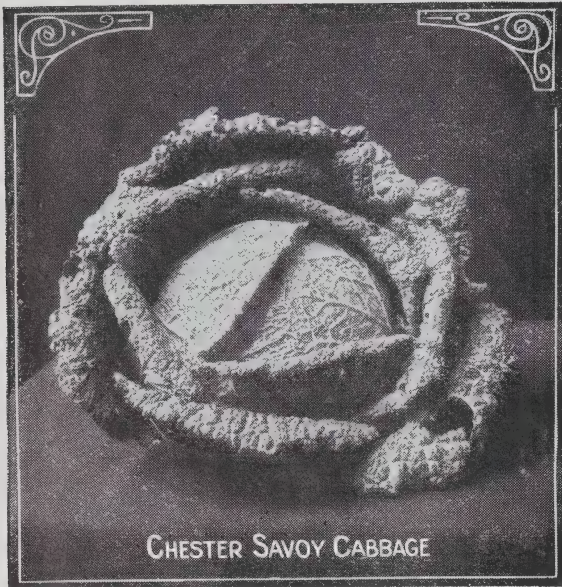
Marblehead Mammoth. Late, the largest cabbage grown, solid, excellent keeper. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Steele, Briggs' Chester King. Heads medium size, solid, round, and as hard as they can be, and of a bluish-green color. The quality is fine and flavor excellent, heads when open being crisp and white. It is very sweet flavored, keeps well, is good for shipping. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Large Late Drumhead. A standard winter cabbage for main crop. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Flat Swedish (New). This variety is very favorably known in Europe, it being one of the best shipping varieties in commerce. The heads are of medium size, averaging about 8 lbs., of a flattish shape and are very solid, while their fine white color makes them quite distinct from other kinds. The quality is excellent, and it is a uniformly good keeper, the heads being often just as solid and perfect when taken out in spring as when put away in the fall. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.





CHESTER SAVOY CABBAGE



White Plume

Paris Golden Yellow

Giant Pascal

nutty flavor. The stalks grow broad and thick and is a splendid keeper. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

—**Golden Heart, or Golden Dwarf.** A distinct variety of sturdy, dwarf habit. Solid, an excellent keeper, of fine nutty flavor. When blanched, the large and full heart is light yellow, an exceedingly showy and desirable variety. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

—**Dwarf White Solid** (large ribbed). Dwarf, white, stiff, close habit, solid, crisp, and of good quality. Keeps in good condition later in the season than any other variety. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

—**Evan's Triumph.** The best late Celery, of superb quality and one of the best keepers. The very large solid stalks are of the finest quality and texture, crisp, brittle, tender and real nutty in flavor. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

—**London Prize Red.** One of the best of its color. Pkt. 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

—**Rose Ribbed Paris.** It is self-blanching to a remarkable degree, and differs only from the Yellow in the color of the ribs; these are of a very attractive shade of rose, which deepens as the season advances. Pkt., 10c.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

—**Celeriac, Large Smooth Prague.** A variety of Celery with turnip-shaped roots, which are white-fleshed and have the flavor of Celery stalks. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

—**Soup Celery** (Old Seed). Excellent for flavoring. Oz., 15c.; $\frac{1}{4}$ lb., 50c.

RED CABBAGE

—**Cabbage, Mammoth Red Rock.** A large-growing and selected strain of the late Red Cabbage. The heads will average 10 lbs. each. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

—**Dark Red Early Dutch.** Forms very hard round heads of a deep red or purple color. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

—**Red Drumhead.** Heads large, nearly round, very hard, and of exceedingly deep red color. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

—**Delectasse (New).** A grand, early, hard heading, black Red Cabbage. The heads are medium in size, have only a few outer leaves, and are of black-red color to the centre. It is an imported variety. Combined with its earliness is its hard heading quality, which gives it fine keeping properties, so very valuable to both market gardener and amateur. Very sure heading. Its few outer leaves permit close planting—a very desirable feature where space is limited. Pkt., 10c.; oz., 75c.

SAVOY CABBAGE

—**STEELE, BRIGGS' CHESTER SAVOY.** Considered the finest Savoy in cultivation, heads solid, large, uniform, deeply savoyed and curled. Quality excellent. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

—**Drumhead Vertus.** The largest of the Savoy, dark green leaves, fine keeper. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

CELERY

FR., *Celeri.*

GER., *Sellere.*

Sow in the open ground in April, and keep clear of weeds until the time of planting in June and July. Plant in rows 3 feet apart and 6 inches apart in rows. After planting, nothing further is to be done for 6 or 7 weeks, except running between the rows with the cultivator or hoe and freeing the plants from weeds. In August begin the "earthing up" necessary for blanching. After all the soil has been drawn up against the plant with the hoe, it is further drawn up close around each plant by the hand, firm enough to keep the leaves in an upright position.

CELERY, PARIS, GOLDEN YELLOW

(Selected Stocks). Best for early market use. Plants of a yellowish green color when young, but as they mature the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness and makes the work of blanching much easier. The handsome color, crispness, tenderness, freedom from stringiness and fine nutty flavor make it a standard of excellence as an early sort. Pkt., 25c.; $\frac{1}{4}$ oz., \$1.10; $\frac{1}{2}$ oz., \$2.00; oz., \$3.75.

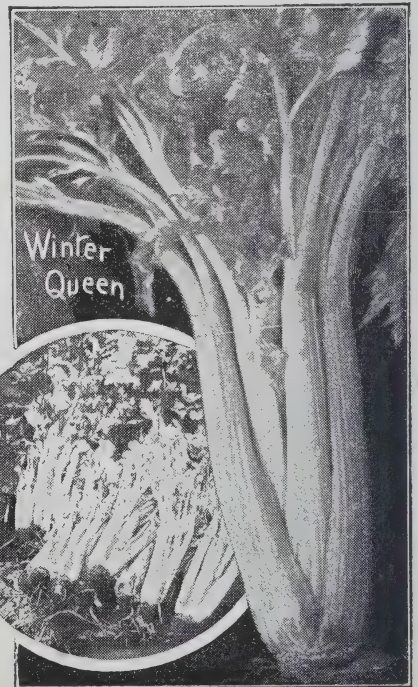
"WINTER QUEEN" CELERY

A Grand Winter Keeping Variety

"WINTER QUEEN" has the strong, robust growth of the Giant Pascal, but the plants, being only of medium height, are better length for bunching for market as well as more desirable for serving on the table. Their compact habit makes considerably less labor in earthing up the plants to blanch, and the rows can be planted more closely in the field. Each plant makes a large number of fine stalks (magnificent large heart of rich golden yellow) which are broad, thick, heavily ribbed. Stored for winter it is an excellent keeper, and when taken out the blanched stalks are firm and crisp; entirely free from strings, brittle and of sweet flavor. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

—**White Plume.** Excellent variety for early use, tender, crisp, mild, pleasing flavor, not a very good keeper. Pkt. 5c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.00.

—**Giant Pascal.** It blanches very quickly after earthing up, to a beautiful yellowish-white color, is very solid and crisp and of a



CAULIFLOWER

FR., *Chou Fleur.* GER., *Blumen Kohle.*

For spring and early summer crop sow in March or early in April in hot-bed and transplant to cold frame when sufficiently large, and to the open ground as soon as danger of hard freezing is over. The plants will endure a light frost. The soil for Cauliflower should be like that for cabbage, but it is better to be made richer than is ordinarily used for that crop. Give the plants thorough culture, and keep free from worms with Persian insect powder. For late crop sow at same time as for late cabbage, and treat in the same manner. It should be borne in mind that Cauliflower will not head up well in hot, dry weather, and hence the sowing should be so regulated as to bring it in either in early summer or late fall. After the heads begin to form draw the leaves over them and pin or tie them together to protect the heads from the sun and keep them white. They should be cut for use while the "curd" is compact and hard, as they soon become tough and bitter after they open and separate into branches. **Owing to the seeds of some varieties being very expensive there is a great temptation to use the cheaper sorts.** We think it well therefore to caution our customers to use only the best—the crop tells.

STEELE, BRIGGS' "EARLIEST SNOWBALL"

This strain which we offered three years ago for the first time has given universal satisfaction. We have numerous testimonials from leading market gardeners as to its merits. In our comparative trials in open field tests it has taken the lead every year since introduced. The plants are compact with narrow, upright leaves, well suited for close planting. The heads are solid, compact, round, very white and of fine quality. A very sure heading strain; recommended for forcing as well as open ground use. Sold only in sealed packages. $\frac{1}{2}$ pkt., 15c.; pkt., 25c.; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.75; oz., \$3.00; $\frac{1}{4}$ lb., \$10.00.

—**STEELE, BRIGGS' EXTRA EARLY WHITEHEAD.** Of dwarf, compact growth, with short stalks. The large handsome heads, measuring eight to ten inches across, are pure snowy white, very close and of the finest quality. So extremely solid and deep, nearly globe-shaped, are the heads, that they weigh heavier than most other cauliflowers of the same size. $\frac{1}{2}$ pkt., 15c.; pkt., 25c.; $\frac{1}{4}$ oz., 85c.; $\frac{1}{2}$ oz., \$1.50; oz., \$2.75; $\frac{1}{4}$ lb., \$9.00.

—**EARLIEST SELECTED DWARF ERFURT.** One of the earliest varieties, small-leaved, dwarf, for forcing, producing very solid, pure white heads of the finest quality. $\frac{1}{2}$ pkt., 15c.; pkt., 25c.; $\frac{1}{4}$ oz., 85c.; $\frac{1}{2}$ oz., \$1.50; oz., \$2.75; $\frac{1}{4}$ lb., \$9.00.



—**EARLY SNOWBALL.** More extensively grown than any other variety, both for forcing or wintering over for early crop. It is exceedingly early and hardy, and is one of the surest to make a solid, compact head. For these reasons it is growing more and more in favor for planting for the late summer and fall crop. $\frac{1}{2}$ pkt., 15c.; pkt., 25c.; $\frac{1}{4}$ oz., 85c.; $\frac{1}{2}$ oz., \$1.50; oz., \$2.75; $\frac{1}{4}$ lb., \$9.00.

—**Veitch's Autumn Giant.** A late variety, heads large, beautifully white, firm and compact. Being well protected by its heavy foliage, it remains a long time fit for table use. To ensure their full development, the plants should be started and transplanted early in the season. Pkt., 5c.; $\frac{1}{2}$ oz., 35c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

—**Extra Early Dwarf Paris.** Heads large, white, compact, solid, excellent flavor, tender and delicious; leaves large, stalks short, a favorite for general early crop. Pkt., 5c.; $\frac{1}{2}$ oz., 60c.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

—**Early Paris or Nonpareil.** A little later than Early Paris—planted with it will make a fine succession; also an excellent autumn sort. Pkt., 5c.; $\frac{1}{2}$ oz., 60c.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

—**Lenormand's Large, Short Stemmed.** Heads large, white, well-formed and compact, of excellent quality, very hardy, semi-dwarf, producing many large leaves. Pkt., 5c.; $\frac{1}{2}$ oz., 60c.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

KOHL RABI

FR., *Chou Rave.*
GER., *Kohlraabi.*

Kohl Rabi is sown for general crop in the spring like the turnip, in drill, or may be transplanted like the cabbage. For winter table use, sow in middle of June. The stem, just above the surface of the ground, swells into a bulb something like a turnip. It is cooked like a turnip and is highly prized for stock.

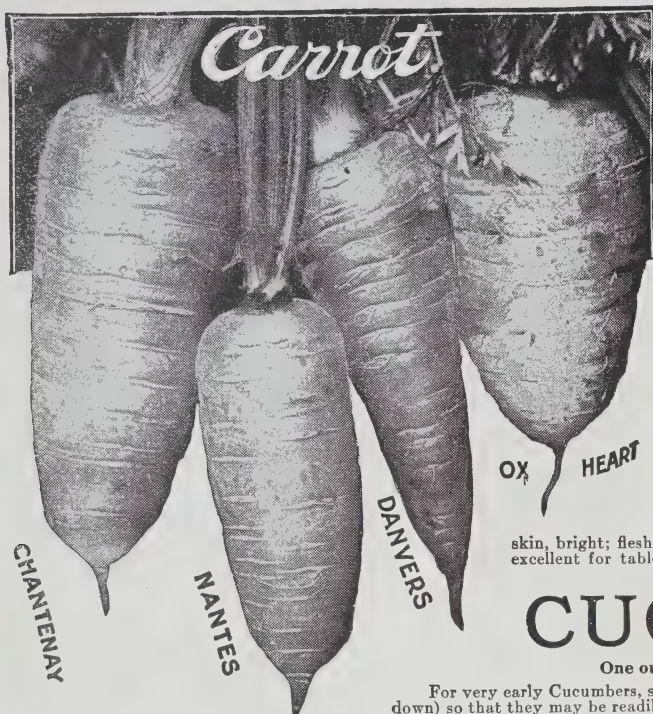
—**Kohl Rabi, Early White Vienna.** Green top, white flesh, popular, handsome, good flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

—**Early Purple Vienna.** Differs from preceding only in color. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

—**Large Green.** For stock. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

One of the largest market gardeners in Canada says:—"We have used your seeds for the past 20 years with very satisfactory results; Cauliflower, Celery, Carrot, Beet, etc., have been very good."

J. MACNAMARA & SONS, Braccandale,



CARROT

FR., *Carotte*.
GER., *Mohre*.

One ounce will sow 100 feet of drill. Two to three pounds for one acre.

Carrots to grow to perfection, require a rich, deep, sandy loam, well pulverized and deeply cultivated. For an early crop, sow in May and June, in drills about one foot apart, thinning to 4 ins. in the row. Sow for main crop, June and July.

Carrots, Early Scarlet Horn. Excellent for planting out of doors. Tops small, coarsely divided; stump rooted, but tapering abruptly to a small point; surface dented; skin orange-red. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

—Guerande, or Ox Heart. Roots are short and very thick, terminating abruptly in a small taproot. Flesh orange, fine-grained and sweet. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

—Half-long Scarlet Nantes. Stump rooted. Tops medium; roots cylindrical, smooth, bright orange; flesh orange, becoming yellow in centre, but with no distinct core; of fine quality. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

—Chantenay, Half-long Scarlet. Stump rooted. Similar to Scarlet Nantes, but with larger shoulder and pointed root; is more productive. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

—Half-long Danvers. Roots of deep orange color; of good quality and exceedingly productive. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

—Scarlet Intermediate. Point rooted. Size, full medium; skin, bright; flesh, orange-yellow, fine-grained, well flavored, and when young is excellent for table use. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

CUCUMBER

FR., *Coucumbri*.
GER., *Gurke*.

One ounce for 50 hills; 2 to 3 lbs. in hills for an acre.

For very early Cucumbers, sow the first of April in a hot-bed, upon pieces of sod (grass side down) so that they may be readily transplanted to the open ground in rich soil when the danger of frost is over, or protected by hand glasses. For general use plant when the weather has become settled and warm, in hills about 4 ft. apart each way; thin out four of the strongest plants to each hill; they succeed best in warm, moist, rich loamy soil; continue planting at intervals for a succession. For pickles plant from June until middle of July. Prices of the following varieties (except when noted): Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

—Steele, Briggs' "Perfection." In color, it is a dark, glossy green, symmetrical shaped, with a white spine, and showing a little white at the flower end; growing to an average length of from 10 to 12 inches. It holds its color until nearly ripe. The quality is fine, as the seeds are very soft when the Cucumber is fit for table use; very tender and brittle, and of exceptionally good flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

—Steele, Briggs' Improved Long Green. The leading variety of Long Green Cucumbers; 12 to 16 inches long, of excellent quality, dark green, firm and crisp, most extensively grown. A standard pickling sort. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

—Giant Pera. This magnificent variety is of the most delicious flavor; flesh white, very crisp and tender at all stages, and can be eaten at any time during growth. Of enormous size. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

—Extra Early Long Green. This strain of Long Green is claimed

to be as early as the White Spine. The earliness, combined with size, make it quite desirable for the market gardener.

—Paris Prolific Pickling. A very desirable sort. The fruit is very long, slender, cylindrical; densely covered with fine prickles, and deep rich green in color. Very crisp and tender. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

—"Cumberland." This variety of the hardy White Spine type is a rapid strong grower, and is very prolific in fruit. The flesh is firm, very crisp and tender at all stages.

—Steele, Briggs' Evergreen. Different from the ordinary and popular White Spine color; it retains a deep green color in all stages of its growth; produces extra long, smooth shaped fruit; very prolific, flesh white, tender and crisp.

—Japanese Climbing. Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort, can be grown on trellises, etc., saving valuable space in small gardens. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.



Other Standard Varieties: Cucumber, Early Arlington White Spine, Chicago or Westerfield Pickling, Boston Pickling, Green Prolific, Early Frame, Short Green.

Forcing or Frame Cucumbers. For greenhouse or hot-bed; very handsome both in form and color; attain a length of 20 to 30 inches
 Empress of India (Reid's), pkt., 25c. Duke of Edinburgh, pkt., 25c. Marquis of Lorne, pkt., 25c.
 Carter's Model, pkt., 15c. Rollinsons' Telegraph, pkt., 25c.

SPECIAL NOTICE—CHANGE OF POSTAL RATES

PARCEL POST

Rates of Postage on Parcels Mailed in the Province of Ontario:

	1 lb.	2 lb.	3 lb.	4 lb.	5 lb.	6 lb.	7 lb.	8 lb.	9 lb.	10 lb.	11 lb.
Any Post Office within 20 miles, including place of mailing	c. .05	c. .06	c. .07	c. .08	c. .10	c. .12	c. .14	c. .16	c. .18	c. .20	c. .22
Any Post Office beyond 20 miles, but within the Province of Ontario	.10	.14	.18	.22	.26	.30	.34	.38	.42	.46	.50
Any Post Office in Quebec or Manitoba	.10	.16	.22	.28	.34	.40	.46	.52	.58	.64	.70
Any Post Office in Saskatchewan or Maritime Provinces	.12	.20	.28	.36	.44	.52	.60	.68	.76	.84	.92
Any Post Office in Alberta	.12	.24	.34	.44	.54	.64	.74	.84	.94	1.04	1.14
Any Post Office in British Columbia	.12	.24	.36	.48	.60	.72	.84	.96	1.08	1.20	1.32

The maximum charge on any parcel shall not exceed one cent an ounce.

This rate also obtains in cases where the 20-mile area extends into an adjacent province.

CORN SWEET OR SUGAR

FR., *Mais*. GER., *Mais*. 40 lbs. per Bushel. All varieties of Sweet or Sugar Corn may be either sown in rows 4½ feet apart, and the seeds placed about 8 inches apart in the rows, or planted in the hills at a distance of 3 or 4 feet each way, according to the variety grown or the richness of the soil in which it is planted. Cultivate often and thoroughly. One peck of seeds plants 100 hills. One peck will plant an acre. For field varieties see *Agricultural Seeds*. Prices for the following varieties (except where noted): By express or freight at purchaser's expense—lb., 20c.; 5 lbs., 90c.; 10 lbs., \$1.70. (By mail, postpaid, lb., 30c.; 5 lbs., \$1.25.)

EARLY VARIETIES

Corn, Extra Early Cory (White Cob). Undoubtedly the earliest of all, and very best early Sweet Corn. Grain somewhat coarse, but sweet and tender.

First of All (Red Cob Cory). Differs from the preceding only in color of the cob.

Early Minnesota. Next to Crosby in earliness; ears of fair size, kernels broad, sweet and tender.

Golden Bantam. Is dwarf in growth, the stocks averaging four feet in height. The ears are from five to seven inches in length, but what it lacks in size is fully made up in productiveness and quality. "Golden Bantam" is so named because the grain, when ready for use, is a creamy yellow, deepening to orange-yellow as it ripens. A single trial of its splendid quality soon convinces them that Golden Bantam is actually the finest flavored of all the sweet corns. Pkt., 5c.; lb., 30c. (postpaid, 40c.)

Crosby's Early Sugar. Early and a great favorite. Rather small ears, but productive and of excellent quality.

Early Giant. The ears grow to a large size, kernels pure white, sweet and tender.

Mammoth White Cory. A few days later than Extra Early White Cory. The ears are larger, the grain and cob are pure white and of unsurpassed quality.

MEDIUM EARLY VARIETIES

Corn, Perry's Hybrid. No better second early for the market gardener. It is nearly as early as Early Minnesota, but makes a larger ear. Kernels white, large, sweet and very tender.

Hickox Improved. Valuable for canning. The ears are 12-rowed. Quality of the best.

LATE OR MAIN CROP VARIETIES

Corn, Country Gentleman. A remarkably delicious corn for family use. Its long, small, milky kernels are full of sweetness; cob small, corn white and tender.

Stowell's Evergreen. Grown more extensively than any other; a great favorite with canners and market gardeners for late use. The ears are large size; kernels very deep, tender and sugary; very productive and remains for a long time in fit condition for table use.

Black Mexican. Ears well filled with eight rows of large, rather flat grains, which are deep bluish purple of superlatively sweet flavor.

Pop Corn. Cultural directions same as for Sugar Corn. Pkt., 5c.; lb., 25c. (postpaid).

GARDEN LEMON

The Garden Lemon is a very interesting fruit about the size of a lemon, bright golden color, pulp about half an inch thick, agreeable, pleasant flavor. Pkt., 5c.; oz., 20c.

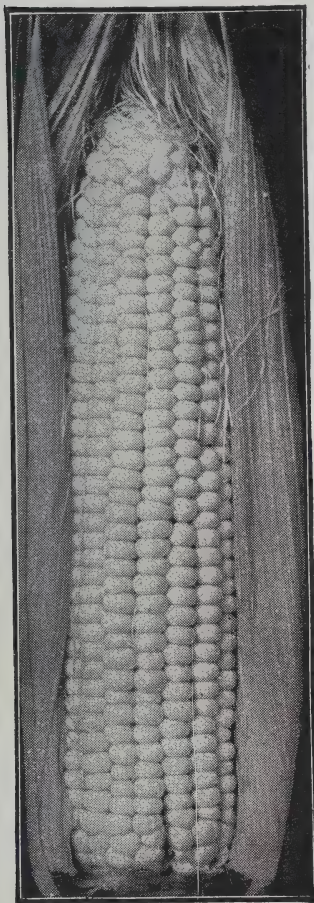
How to prepare Garden Lemons for Preserves. Peel, halve and remove seeds from the Garden Lemons selected. To each pound of fruit so prepared allow 1 lb. of white sugar. Sprinkle sugar over fruit and let it stand overnight, pour off juice into preserving kettle. Let it come to a boil, then place the fruit in and cook until fork will pierce it easily. Take out carefully and place in jars. Let syrup boil a few minutes to thicken, then skim and pour over fruit; seal closely.

GOURDS

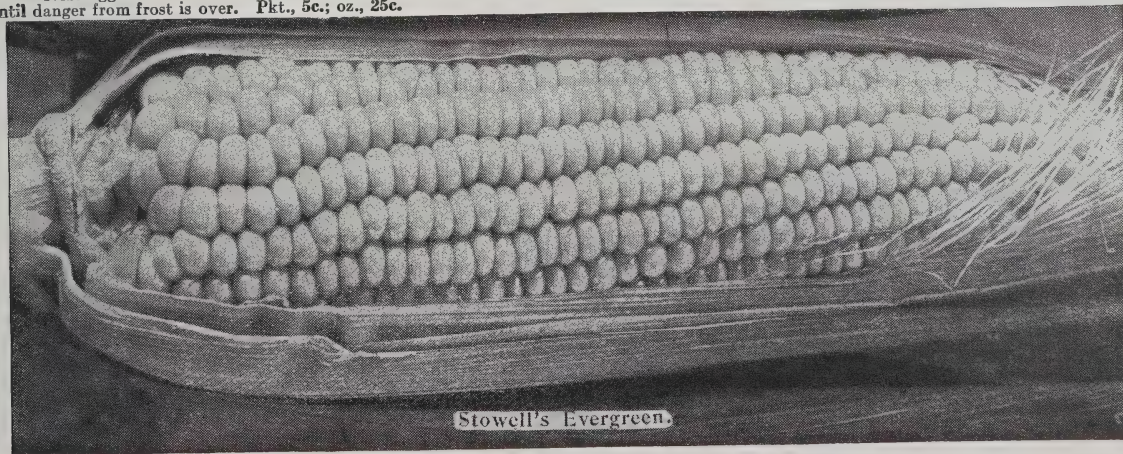
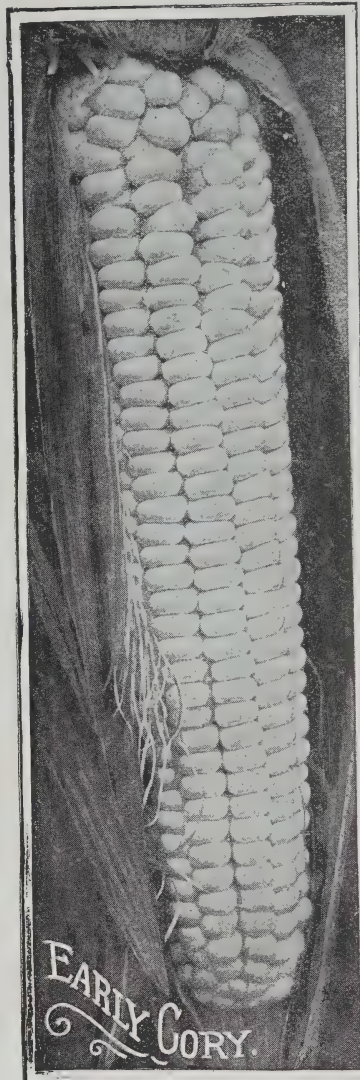
FR., *Gourde*. GER., *Zier Kurbis*. The following varieties will be found useful for household and farm purposes. Instructions for growing are printed on each paper of seed.

Gourd Dipper. Valuable for household purposes. Make dippers of various sizes which will last years. Pkt., 5c.; oz., 25c.

Nest Egg. Grows exact size, color and shape of an egg, and makes a very good nest egg. It is a rapid-growing climber. Do not plant until danger from frost is over. Pkt., 5c.; oz., 25c.



GOLDEN BANTAM



Stowell's Evergreen.

LETTUCE

FR., *Laitue*.
GER., *Lattich*.

One ounce will sow 150 feet of drill.

Lettuce is a plant of most simple culture when grown in the open air. It requires rich soil, plenty of well rotted manure and abundant moisture. With these conditions its growth is vigorous and rapid; and to be crisp and tender, it should be grown quickly. Seeds may be sown in a frame in February or March, not much bottom heat being required. The plants may be set out as early as the ground can be worked, as light frosts will not injure them. Set in rows about 18 inches apart, leaving 8 to 10 inches between plants. For successive crops, sow every two weeks up to July.

Lettuce, Grand Rapids, Forcing. This is one of the best forcing and shipping varieties. It matures quickly, is of large size and handsome appearance, crisp and tender, and will keep from wilting after cutting longer than any other. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 60c.

—Detroit Market, Forcing (Seed white). An excellent variety for growing under glass where it stands higher temperature and can be crowded to maturity. Also well adapted for outdoor growing. The plant is more compact than the Grand Rapids, is lighter colored and less frilled at edge of leaves which are quite crisp and tender. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 60c.

—Big Boston. A most desirable variety, either for forcing or open ground. Very large and solid, heads well and is a valuable sort. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 60c.

—Toronto Gem. The finest market variety to be found. Lightish green color, crimped, curled and well-formed heads. tender quality and sweet flavor; place it at the head of the list for the market gardener or family use. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 60c.

—Nonpareil Cabbage. One of the best in cultivation; color beautiful light yellowish-green; heads well, very tender. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 60c.

—Black Seeded Simpson (Curled). Forms a large, loose head; its nearly white, curly leaves are large, thin, exceedingly tender and of a very good quality; one of the best sorts for the frame or hothouse, as well as for early outside planting. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 60c.

—Denver Market. It is an early variety of head lettuce, either for forcing or for open ground. It forms large solid heads of a good light green color. Crisp, tender, and of excellent flavor. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 60c.

OTHER STANDARD VARIETIES

Lettuce, Early Hanson, Early Green Curled Silesian, Early Prize Head, Drumhead or Malta, Early Curled Simpson. Above 6 varieties, pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 60c.

COS, or CELERY LETTUCE

Celery Lettuce, "Trianon." This excels all other Lettuce in quality, having a crispness, tenderness and flavor peculiarly its own, and unapproached by any other variety. The long and narrow leaves require to be tied, when they soon form solid heads and quickly bleach to snowy whiteness, become as stiff, crisp and as sweet as celery stalks, and are delicious when eaten in the same manner, or prepared for salad. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 60c.

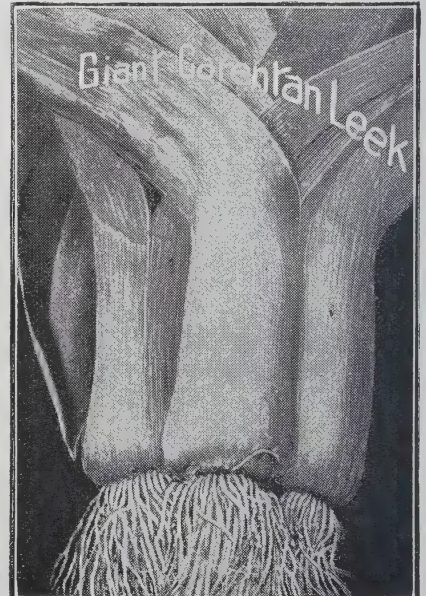
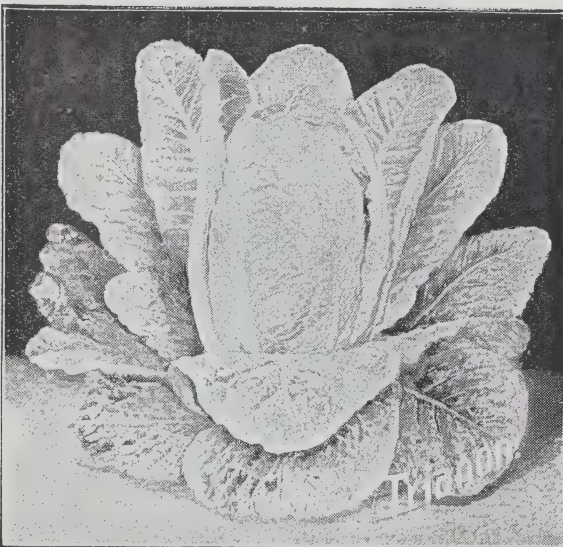
—Paris White Cos. Not quite as large as above but much similar. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 60c.

LEEK FR., *Poireau*. The Leek is very hardy, of easy culture and GER., *Lauch*. succeeds best in light, rich soil. Sow early in April, in drills one foot apart and one inch deep. When the plants are 6 to 8 inches high, transplant in deep, rich soil, in rows 12 inches apart and 6 inches in the rows, as deep as possible so that the neck may be covered and blanched; draw the earth to them as they grow. One oz. will sow about 100 feet of drill.

Leek, London Broad Flag. Large and strong, with broad leaves growing only on two sides like the flag. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

—Giant Carantan. The largest variety, often 3 inches in diameter and becoming very white and tender; a very hardy sort. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

—Musselburg. A very large variety of superior quality. Pkt., 5c; oz., 20c.; $\frac{1}{4}$ lb., 75c; lb., \$2.25.



MELON, Musk

FR., Melon. GER., Zucker Melone.

1 ounce for 60 hills; 2 to 3 lbs. in hills for an acre.

In this latitude we must give the Melon every possible advantage to secure earliness and thorough ripening. The same culture as recommended for Cucumbers will ensure success. It is desirable also for the North to secure early ripening varieties. There are two distinct species of Melons—the Musk and the Water Melon. The former is the more easily grown, though with a selection of early sorts and a little attention to forwarding the young plants early in the season, a good crop of either can be secured almost anywhere. The Melon will grow and ripen well in a warm, sandy, poor soil, but when grown in such a situation the hill must be thoroughly enriched with plenty of available food for the roots. Each, except where noted, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

Melon, Musk.—Extra Early Green Citron. The earliest Melon in cultivation, good size, heavily netted, ribbed. Flat at ends, good flavor.

—**Early Hackensack.** Flesh, light green and of delicate flavor.

—**Emerald Gem.** Medium size, nearly round; flesh is a delicate light salmon color, very thick, fine grained, and of most excellent flavor. The rind is thin, dark green ribbed, slightly netted.

—**Surprise.** Vines hardy and productive, fruit oval, not deeply ribbed, covered with light patches of netting; yellowish white, flesh deep salmon color.

—**Rocky Ford.** The flesh is a light green color, very deep, exceedingly sweet, fine grained, combining every quality which goes into the make-up of a good melon. Its size, shape, fine quality, and being a good shipper, will commend it alike to the family table and the market gardener.

—**Burrell's Gem, or Golden Flesh Rocky Ford.** Similar in size, shape and general appearance to Rocky Ford, but the flesh is of a reddish-orange, of excellent quality. This variety is very prolific and early.

—**Montreal Large Green.** Handsomest melon possible for exhibition or market. Almost round, deeply ribbed, skin green and densely netted, flesh remarkably thick, light green, and of a fine flavor.

MELON—WATER

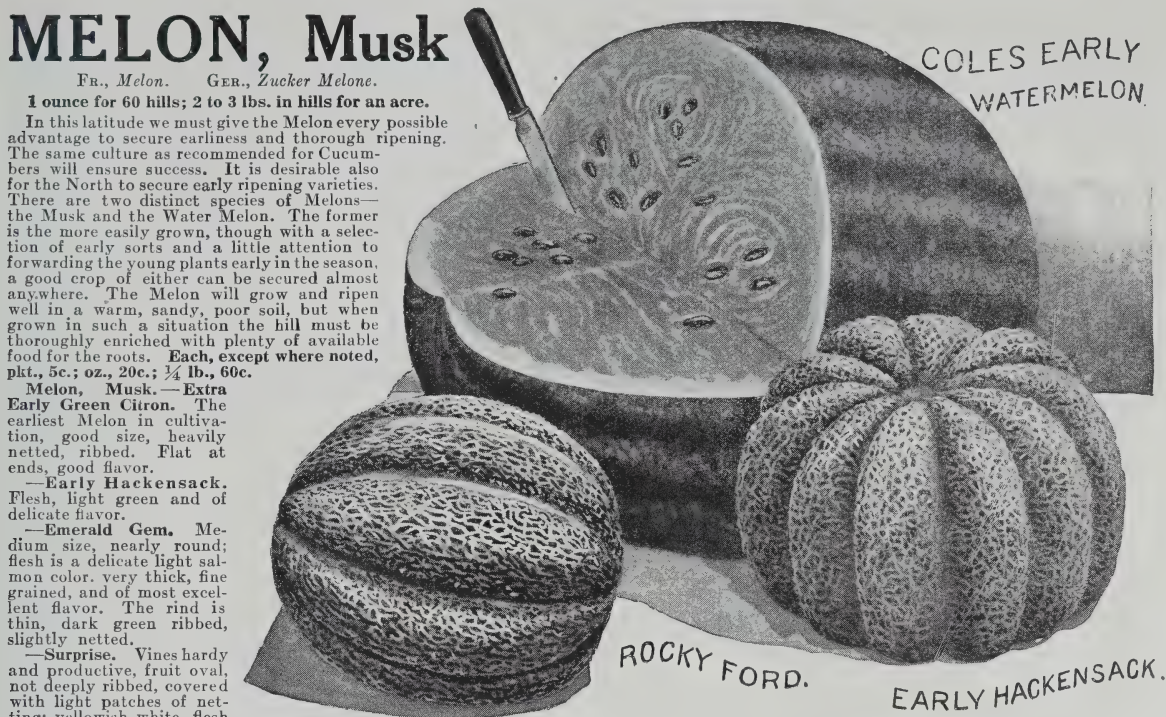
FR., Melon d'eau. GER., Wasser Melone.

Same Culture as Musk Melon. Price of the following varieties, pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.

Melon, Cuban Queen. A very fine variety growing to great size, flesh bright red, solid and sweet. The skin is beautifully striped with dark and light green. Melons are wonderfully solid, rind thin. They are enormously productive and ripen early.

—**Fordhook, Early.** One of the earliest, of exceptionally large size, nearly round, and of excellent quality.

—**Sweetheart.** A variety of largest size, a little longer than thick, being nearly globular in shape, skin a beautiful mottled green.



—**Paul Rose.** In the "Paul Rose" we are offering the best Musk Melon introduced for many years. It is a successful cross of the Osage with the Netted Gem, and combines the sweetness of the former with the netting of the Gem. It surpasses all melons as a shipper and long keeper.

—**"THE HOODOO."** The fruit is of medium size, the seed cavity very small, the rind is very thin indeed and the edible, fleshy part very thick and meaty. It is of orange or salmon color, the type much preferred now. But its great charm is its flavor, which is par excellence. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

Flesh bright red, firm and heavy, but crisp, melting and exceedingly sweet.

—**Cole's Early.** An early variety, of medium size, almost round in shape, green striped a lighter shade. Thin rind, bright red flesh of a delicate texture.

—**Peerless.** A grand favorite and standard variety. Superior in every respect. Has beautiful crimson core which is always fine grained and cannot be surpassed in flavor.

—**Phinney's Early.** It is sweet, of good size and very productive. Its market qualities are the very best; flesh is red, sweet and luscious.

CITRON (PRESERVING)

Citron, Small, Green. Standard everywhere for making preserves. Striped, round in shape. Makes the most beautiful, delicious, clear, transparent preserves. It grows wonderfully prolific. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.

—**Colorado Mammoth.** This is quite distinct from the ordinary preserving Citron, immensely productive. The flesh is very firm and solid, with few seeds. The preserving qualities are the very finest. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.

ONION SETS

Special Prices by the Bushel on Application.

Prices for Onion Sets are based on market values at time of sale; we therefore are unable to quote bushel prices now. Prices are quoted by the pound, pint and quart, include postage, and will stand unchanged during the season. As Onion Sets are liable to injury from frost, we do not send them until safe in spring.

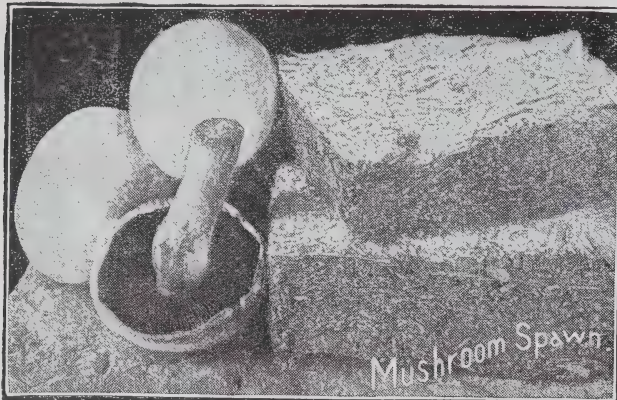
Dutch Sets, Yellow. Lb., 30c.; 4 lbs., \$1.00, postpaid.

Shallots. Lb., 25c.; 4 lbs., 90c., postpaid.

Top or Button Onions. Lb., 40c., postpaid.

English Multipliers or Potato Onions. Lb., 25c.; 4 lbs., 90c., postpaid.

Garlic Sets. Lb., 30c.; 2 lbs., 50c., postpaid.



MUSHROOM SPAWN

Although the Mushroom is one of the most delicious and at the same time most nutritious of all known esculents, its cultivation is not generally understood. We have had so many enquiries regarding cultivation of Mushrooms that we have prepared and published an 8-page pamphlet written by a practical grower, which gives in a concise form all necessary information for the successful raising of the best Mushrooms. This pamphlet will be sent free to anyone interested. We make a specialty of supplying the Genuine English "Milltrack" Mushroom Spawn.

Mushroom Spawn, Best English. Per brick, each, 20c.; 5 for 90c. (by mail, postpaid, each, 30c.; 5 for \$1.35). Special quotations on large quantities.

Pither's Canadian Spawn. Per brick, 25c.; post-paid, 35c.

PARSNIP FR., Pancais. GER., Pastinake.

One ounce per 200 feet of drill; 5 lbs. in drills for an acre.

They do best on deep, rich, sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich; fresh manure is apt to make the roots coarse and ill-shaped. As seed is sometimes slow to germinate, it should be sown as early as possible, in drills 20 inches to 2 feet apart; cover $\frac{1}{2}$ -inch deep, and press the soil firmly over the seed; give frequent cultivation.

Parsnips, Elcombe's Giant. The largest, handsomest and best variety grown; of excellent quality, very sugary. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

—**Long Smooth or Hollow Crown.** One of the best parsnips grown. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

—**Guernsey.** Half-long; the roots do not grow so long as the Hollow Crown, but are larger in diameter and are more easily gathered. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

—**Student.** The roots of this variety are of moderate size, tapering regularly; clean, yellowish skin. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

PEPPER FR., Piment. GER., Pfeffer.

Prices, except where noted, per packet, 5c.; per ounce, 40c.

The Pepper is much esteemed for its seasoning qualities, and is extensively used for pickling. The seeds should be sown early to be ready for transplanting when the weather becomes warm.

Pepper, Chinese Giant. The compact plants are very prolific, setting 3 to 4 extra large fruits at the base quite early in the season; the fruit is quite square in appearance, while the flesh is thick and very mild, being entirely free from any fiery flavor. Pkt., 10c.; oz., 75c.

—**Large Long Red.** Pods brilliant red, and 3 or 4 inches in length; very productive.

—**Ruby King.** A handsome and very productive variety; fruit from 4 to 6 inches long by $3\frac{1}{2}$ to 4 inches broad. When ripe they are bright ruby red; remarkably mild and pleasant.

—**Celestial.** One of the most useful varieties for culinary uses. Each pepper is beautifully variegated with bright golden and deep red, sometimes striped or variegated.

—**Chili.** Small and prolific for pepper sauce.

—**County Fair.** One of the best.

—**Monstrous.** A popular French variety, growing 6 ins. long by 2 ins. thick; sweet flavor.

—**Procopp's Giant.** Uniformly large, of brilliant scarlet color, and in flavor just pungent enough to be pleasant.

—**Sweet Spanish or Mountain.** A large and early variety; mild and pleasant; less pungent than some varieties.

—**Long Red Cayenne.** Fruit brilliant coral red, conical, acrid, productive.



PUMPKINS FR., Potiron. GER., Kuberis.

One ounce will plant 15 hills; $1\frac{1}{2}$ lbs. for an acre.

Easily grown; profitable for stock feeding. At corn planting scatter a few seeds in the hills; for a large crop sow in May in good soil in hills 10 to 12 feet apart each way.

Pumpkin, Jumbo or Mammoth King. Color of skin deep yellow, flesh of a light shade, resembling a squash. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

—**Grey Mammoth.** French variety, an enormous size, specimens have weighed 200 lbs.; used mainly for stock feeding; oblong in shape, greyish-colored rind and very large seeds. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

—**Large Cheese or Kentucky.** One of the best for table use; productive, skin orange, flesh yellow and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

—**Sweet or Sugar.** Small, fine grained and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

—**Connecticut Field.** Productive, grown for stock feed. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

—**Japanese Pie.** Crook-neck variety; small seed cavity, nearly all solid meat; quality extra fine; productive, ripens early; medium size, good keeper. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

MUSTARD FR., Moutard. GER., Senf.

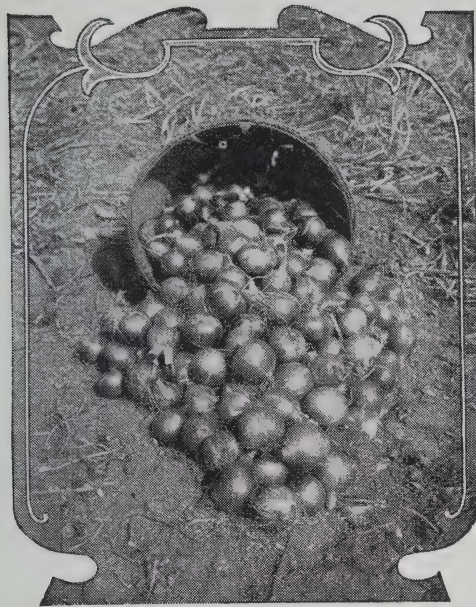
Sow thickly in drills 8 to 10 inches apart, in rich, loamy soil, covering the seed half an inch deep. When young, the leaves are used in salad, and in more advanced stages as greens in the same way as Spinach. Sowing for succession may be made from April to July.

Mustard, White. The best for salads. Seeds are always used for mixing with pickles and for preserving cider. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Mustard, New Chinese. The leaves are twice the size of the ordinary White Mustard, flavor sweet and pungent. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.



JUMBO PUMPKIN



YELLOW GLOBE DANVERS

shape is a handsome globe with small neck, skin thin, of a bright straw color. The flesh is a pure white and fine grained. The Onions grow to an immense size, measuring from 12 to 16 inches in circumference, and have been known to yield 1,200 bushels per acre. By sowing early in hot-bed and transplanting mammoth bulbs may be raised. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$1.90.

Southport Red Globe. Beautiful globe-shaped, rich purplish crimson, good keeper and of superior quality. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.00.

Southport Large White Globe. A large globe-shaped Onion, fine grained, of mild flavor, keeps well; of beautiful shape, clear white skin. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

White Portugal, or Large Silver Skin. Handsome, of mild flavor, but not a good keeper; summer and fall use. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Large Red Wethersfield. The staple variety, very productive, large size, deep-red color, pleasant flavor and an excellent keeper. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

Extra Early Flat Red. Matures very early, yields abundantly, splendid keeper, and is of a mild flavor, medium size, deep red, close-grained, solid and heavy. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Spanish King. For mildness of flavor and keeping qualities it is unequalled. It is somewhat similar to the Giant Prizetaker in form, but it is harder and keeps better. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.



STEELE, BRIGGS' SELECT YELLOW GLOBE

ONIONS

FR., *Oignon*.
GER., *Zwiebel*.

The Onion thrives best in a deep, rich, loamy soil; the best culture requires that the ground should be deeply trenched and manured the previous autumn. As early in the spring as the ground is in working order, sow thinly in drills about a quarter of an inch deep, and 1 foot apart; cover with fine soil.

An ounce will sow 100 feet of drill. Four to five pounds to the acre. Our Onion Seed has a splendid reputation, and no pains will be lacking to maintain its present high standard.

STEELE, BRIGGS' SELECT YELLOW GLOBE

There is probably more of this variety grown than any other. It is a splendid Onion. Our strain of this popular Onion cannot be surpassed—our seed being grown by the most careful specialist known and in a section that produces the very best seed of Onion, giving bulbs of small neck and good keeping quality. Onion seed produced in some countries is inclined to grow thick necks. We know this by our comparative tests—we avoid all seed but the very best grown. This costs more but it is worth it. Yellow Globe is a fine brown, orange yellow outside with pure white flesh, solid and good quality. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$1.90.

Yellow Globe Danvers. Early round, very small neck, fine-grained, mild flavor, immensely productive, and an excellent keeper. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Steele, Briggs' Prizetaker, Red Globe. A large, handsome Onion, globular in shape, of a rich dark-red color, very solid and pleasant flavored. In uniform growth, earliness and color a decided leader. An enormous crop producer when properly grown. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.00.

Early Flat Yellow Danvers. Differs from the Globe strain in shape, being flatter. Very productive. It matures very early and the quality is the best. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.40.

GIANT PRIZETAKER, YELLOW GLOBE

The largest Onion grown from American seed—in size it is not excelled by the enormous varieties from Spain. It has now been on the market for several years, and is recognized as one of the best standard varieties. It excels in yield, in size; the flavor is mild and tender, and keeping quality good. The



GIANT PRIZETAKER, YELLOW GLOBE

FOREIGN ONIONS

The following varieties have been tested in this country and have given perfect satisfaction. The flavor of the Italian varieties is mild, and they are in every way well adapted for culinary purposes.

Onions, Early Barletta. A very early, small, pure white variety, having a very delicate silver skin; flesh firm and mild in flavor. Its great merit over all others is its extreme earliness. For pickling purposes it is unequalled. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

Mammoth Silver King. Large size, flat; skin silvery white; flesh pure white; exceptionally mild, delicate flavor. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

Early White Queen. A silver-skinned variety, of quick growth and remarkable keeping qualities. Particularly valuable for pickles. If sown in July thickly they will mature perfect hard onions from $\frac{1}{2}$ to $\frac{3}{4}$ of an inch in diameter. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

Small Round Silverskin. Pickling, a small French variety, used extensively for pickling; very early. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

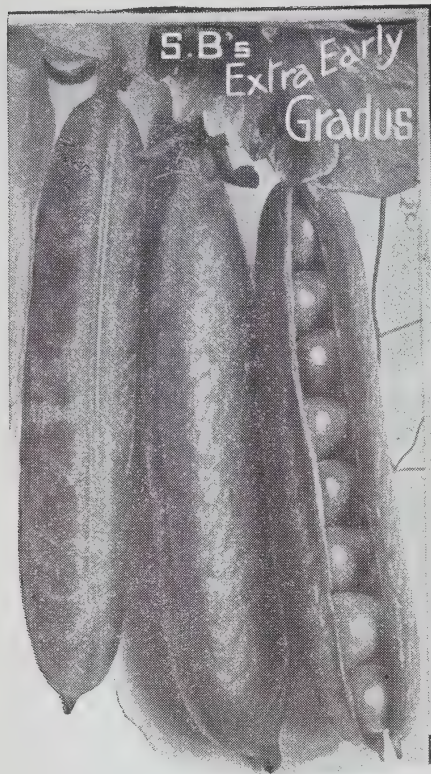
Giant Yellow Rocca. A splendid large variety, globular-shaped, bright, brown or yellow skin and delicate flavor. Succeeds best in a warm situation. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

Giant Brown Rocca. A well-known variety, of very mild, delicate flavor, immense size, handsome globular shape, and light reddish-brown skin. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

Welsh Red. Skin reddish-brown, and remarkably hardy; used for fall sowing. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

Giant White Italian Tripoli. Large size, beautiful form, fine white skin. First season will grow an onion from 1 to 1½ pounds. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

White Welsh. Skin white; a hardy sort, used for fall sowing. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.



PARSLEY

FR., *Persil*. One ounce will sow
GER., *Petersille*. 150 feet of drill.

Parsley succeeds best in rich, mellow soil. The seeds germinate very slowly. It should be sown early in the spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart, and half an inch deep.

Parsley, Champion Moss Curled. Very select stock, leaves crimped and curled. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

—Fine Triple Curled. A dwarfish curled variety, hardy, slow in running to seed. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

—Turnip Rooted. The roots resemble a small parsnip and are the edible portion of this variety. It is valuable for flavoring soups, etc. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.

PEAS

FR., *Pois*.
GER., *Erbsen*

2½ bushels for an acre.

Sow Peas in drills not less than four inches deep, about one pint to forty feet, in warm, well-enriched soil. The drills must not be nearer than two feet, except for the dwarfed sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support. The large, fine wrinkled varieties are not as hardy as the small sorts, and if planted very early, should have a dry soil, or they are liable to rot. It is well to sow the earliest Peas as soon as possible; in two or three weeks after make another sowing—a few more early and some for late crop. The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, new pods will not only cease to form, but those partly advanced stop growing. Please add 5c. per lb. for postage if wanted by mail. $\frac{1}{4}$ lb. prices include postage.

EXTRA EARLY PEAS

PEAS—The Steele, Briggs' Best Extra Early. (2 feet.) White, dented. This "First of All" Pea possesses all the qualities most essential for a first-class variety, being extra early, ripening with great uniformity in about 45 days. $\frac{1}{4}$ lb., 10c.; lb., 20c.; 10 lbs., \$1.80.

—Alaska. (2 feet.) This blue Pea has become a standard variety, the earliest of all blue Peas and of excellent quality. $\frac{1}{4}$ lb., 10c.; lb., 20c.; 10 lbs., \$1.80.

—American Wonder. (9 inches.) Green, wrinkled. One of the earliest; finest quality, productive, of dwarf, compact growth. $\frac{1}{4}$ lb., 10c.; lb., 25c.; 10 lbs., \$2.20.

—Notts' Excelsior. (12 inches.) Vines large and vigorous, earlier and more prolific than Premium Gem. Pods well filled. For sweetness and tenderness has no equal. $\frac{1}{4}$ lb., 10c.; lb., 25c.; 10 lbs., \$2.20.

—Premium Gem. (15 inches.) Nearly as early as the American Wonder, and the vine is decidedly larger, bearing an immense crop of the best quality. $\frac{1}{4}$ lb., 10c.; lb., 20c.; 10 lbs., \$1.80.

Steele, Briggs' Extra Early "Leviathan." The largest podded, sweetest flavored Early Pea in existence. Is an immense cropper, and the pods grow to a prodigious size. $\frac{1}{4}$ lb., 15c.; lb., 35c.; 10 lbs., \$2.50.

—Gradus. (30 inches.) The pods are of a bright green color, and measure 4 inches or more in length; 8 to 10 in a pod, are of first-class table quality and retain their color and attractive appearance after cooking. $\frac{1}{4}$ lb., 15c.; lb., 30c.; 10 lbs., \$2.50.

—Thomas Laxton. An early wrinkled variety. Vine 3 to 3½ ft. high, similar to Gradus, but darker in color. Pods, large, long, with square ends. Peas are very large, fine colored and unsurpassed in quality. $\frac{1}{4}$ lb., 15c.; lb., 30c.; 10 lbs., \$2.50.

MEDIUM OR SECOND EARLY PEAS

—Horsford Market Garden. (5 feet.) A grand wrinkled variety. It is a prolific bearer, pods of medium size, and peas of delicious flavor. $\frac{1}{4}$ lb., 10c.; lb., 25c.; 10 lbs., \$2.20.

—McLean's Advancer. (2 feet.) Green wrinkled variety; broad long pods of fine flavor and productive. Largely used among canners. $\frac{1}{4}$ lb., 10c.; lb., 20c.; 10 lbs., \$1.80.

MAIN OR LATE CROP PEAS

—Improved Stratagem. (2 feet.) One of the very best. A heavy cropper, and produces remarkably well-filled pods of large size, long and pointed, deep dark green, and of excellent flavor. $\frac{1}{4}$ lb., 10c.; lb., 25c.; 10 lbs., \$2.20.

—Champion of England. (5 feet.) One of the richest and best flavored Peas grown; very productive. $\frac{1}{4}$ lb., 10c.; lb., 20c.; 10 lbs., \$1.80.

—Telephone. (4 feet.) The Telephone has become the leading Pea with market gardeners whose trade appreciates fine appearance and high quality. Vines vigorous, growing about four feet high, with large, coarse, light colored leaves, and producing an abundance of very large pointed pods filled with very large peas which are tender, sweet and of excellent flavor. $\frac{1}{4}$ lb., 10c.; lb., 25c.; 10 lbs., \$2.20.

SPANISH PEANUT

A variety somewhat smaller than the Virginia Peanut, but far better adapted to our Canadian climate, as it ripens very early and is highly esteemed for its fine flavor. It is small, red skinned, and is produced in pods which grow underground; it is also very productive and does not require much care in growing. Pkt., 10c.; lb., 30c., postpaid.



Steele, Briggs' Seeds are Sold by Leading Merchants all over Canada.
Insist on having them. Refuse substitutes.

SEED POTATOES

SELECTED PURE STOCK—Grown under our own supervision by the most careful men in the business.

SHIPPING.—We begin sending out Potatoes as early in Spring as safe from frost. Quotations at peck, bushel and bag (90 lbs.) include cost of bags, but carriage must be paid by purchaser. When ordering, please state if to be shipped by express or as freight, and name station to which they are to be sent. A bag of potatoes can be shipped by freight for about same cost for carriage as a smaller quantity.

"EUREKA," Extra Early

An extra early variety, producing fine large tubers (not marbles and seconds) as early or earlier than any other potato in cultivation. The vines are dwarf and compact in growth, with healthy, dark green foliage which has never shown any signs of blight. It is about three days earlier than Burpee's Extra Early, is an excellent keeper for so early a potato. The firm white flesh is of fine flavor when cooked—entirely free from any hard core or black specks. Tubers are quite broad and of shortened oblong form, thick through and few eyes. The skin is smooth and of snowy whiteness, potato being of most attractive appearance. **Lb., 25c.; 3 lbs., 60c., postpaid; peck, 75c.; bushel, \$2.00; bag (90 lbs.), \$2.75, carriage extra.**

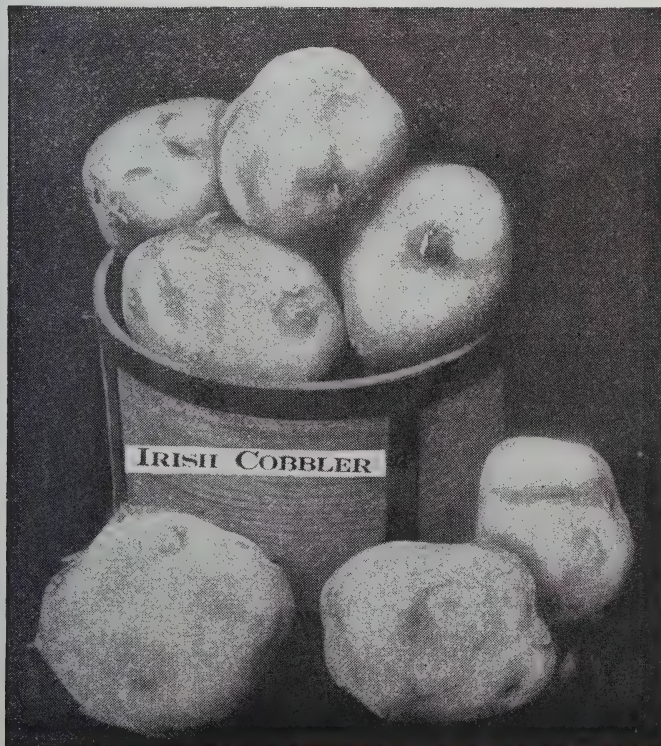
Extra Early "HERO"

One of the Earliest Potatoes in Existence and Heavy Yields.

This splendid variety is somewhat similar to that grand old sort "Early Rose," originating from a seed-ball of that variety. In shape and color it is much similar, though not quite as dark, but much earlier, larger and of better quality, cooking dry and floury whether baked or boiled. Like the Early Norther it seems to prosper in every condition of soil or climate. It is the largest yielding early sort we know of, being nearly four days ahead of the Early Ohio, and yielding nearly double the quantity of marketable potatoes of the best quality.

Lb., 25c., postpaid; peck, 60c.; bag (1½ bushels), \$2.60, by freight at purchaser's expense.

EARLY BOVEE EXTRA EARLY QUALITY AND YIELD. The "improved" strain on suitable soil has not only headed the lists in many trials of early sorts, but has even ranked in yield with late varieties. The vine is dwarf and stocky, enabling it to be planted six inches closer than nearly all other varieties, which results in a much larger return per acre and is a feature of the utmost value where land is valuable. The tubers grow bunched together in the hill close up to the vine. They grow to a marketable size more evenly than most potatoes we have ever seen, none too large or too small, practically the whole crop being merchantable and the quality is perfect. But on good potato ground, well fertilized and cultivated, no other early potato surpasses it. Our stock is pure. **Bag, \$3.25.**



IRISH COBBLER

Considering earliness, yield, fine quality and handsome appearance, "Irish Cobbler" is the most desirable of all the extra early potatoes. The tubers are nearly round, eyes slightly indented, bright, smooth, cream white. In trials with 85 other sorts, the "Irish Cobbler" yielded more than any other extra early sort. It keeps well until spring, then the sprouts are strong and healthy. This is the kind to plant to have a good crop before any one else in the neighbourhood. **Lb., 25c.; 3 lbs., 50c., postpaid; peck, 60c.; bushel, \$2.00; bag, \$2.75.**

EARLY OHIO-TRUE STOCK

We have a limited supply of this splendid sort which is too well known to require description. Very scarce. **Peck, 60c.; bag, \$2.75, by express or freight at purchaser's expense.**

EARLY ENVOY

It is oblong in shape, the eyes being shallow. The skin is a delicate pink color and the flesh white, and in cooking qualities it is unsurpassed. It grows a very even size, there being few very large or very small tubers. On account of its extreme earliness, it is not affected by the usual late summer and fall droughts, while its keeping qualities are not surpassed by any late variety in cultivation to-day. **Lb., 20c.; 3 lbs., 50c., postpaid; peck, 60c.; bag, \$2.75, carriage extra.**

"QUICK LUNCH"

A Marvel in Earliness; A Marvel in Yield—of Uniform Size, Splendid Quality, Dry and Meaty. The tubers are nearly globular in form, they run the most uniform in size, color and quality of any extra early potato. The eyes are shallow with a pinkish cast around each eye, while the smooth, reddish brown skin is flaked with rosy crimson, gives a handsome appearance; they are quickly pared for cooking and the skin peels easily. The leaves are broad and flat spread, the foliage retains its vigor and rich coloring until the plants are full grown. It has not been affected by blight, rot, or any disease; as the potatoes mature, the vines die down almost completely to the ground. "Quick Lunch" is more productive than any other first early potato and keeps better. **Lb., 25c.; 5 lbs., \$1.00, postpaid; peck, \$1.00; bushel, \$2.25; 1½ bushel bag, \$3.00, by express or freight at purchaser's expense.**



GER., Rettig, Roder Radischen.

FR., Radis Rave Petite et Tongue

Radishes thrive best in light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth. Sow for very early use in hot-beds during the winter and early spring, or later on in sheltered borders, in well manured, deeply dug, well raked soil; if not well stimulated into a rapid growth they become fibrous and tough; sow in drills 10 inches apart and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. Sow winter varieties in July and August; like the turnip, they make the best growth in the autumn, and must be taken out before the severe frost, and stored away in a cool cellar in sand or in a pit.

EARLY ROUND, OR TURNIP SHADED

Radish, Earliest Deep Scarlet Turnip, White Tip. (Forcing.) A small, round, turnip-shaped Radish of bright scarlet, distinctly tipped with clear white. Ready to pull 15 to 20 days after sowing. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00.

Early Scarlet Turnip, White Tip (6). Handsome bright scarlet color, with white tip. Many gardeners make a sowing of it every two weeks all summer. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Early Scarlet Turnip (3). Very early, in great demand for home use; small, round, with short top. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Rosy Gem. (Forcing.) One of the earliest, perfectly globular, color rich, deep scarlet at the top, blending into pure white at the bottom, exceedingly tender and crisp. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00.

Early White Turnip (4). Pure white with small top; flesh pure white and semi-transparent. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Ne Plus Ultra. Roots, small round, deep scarlet, crisp and tender; white flesh. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.

EARLY OLIVE-SHAPED

Olive-shaped Earliest, Deep Scarlet, White Tip (2) (Forcing.) Mild and tender and one of the best for forcing; oval form, scarlet, tipped with white. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00.

French Breakfast, White Tipped. (7). Of quick growth, mild and tender, one of the best for forcing; oval form, scarlet, tipped with white. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Early Scarlet, Olive-shaped (5). Skin scarlet, neck small, flesh rose-colored, tender and excellent; early and well adapted to forcing or general crop. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Early White, Olive-shaped (1). Like the olive-shaped varieties in everything except color. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

LONG EARLY AND SUMMER

Early Long Scarlet Short Top. The leading out-door quick-growing variety, grown in rich, light soil; its average length is about 8 inches; grows half out of the ground, straight, uniform in color, brittle and crisp, bright scarlet, small tops. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Improved Chartier, Scarlet White Tip. Color of the top is scarlet rose, shading into a pure waxy white at the tip. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Pearl Forcing. The color is pearl-white, with waxy appearance, and the texture is very firm and solid. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00.

Early Half-long Deep Scarlet or Paris Beauty. Oz., 10c.; ¼ lb., 30c.; lb., 90c.

Long Scarlet Improved. The old standard family and market gardeners' variety; long, bright scarlet, with small tops. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

Iceberg. Makes fine radishes, about 3 ½ inches long, and a half-inch in diameter in three weeks from time of sowing the seed. Beautiful transparent white. Very crisp and brittle. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00.

WINTER VARIETIES

California Mammoth White. 8 to 12 inches long; white, solid, good flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

Rose, or Scarlet China. Certainly one of the best, and would be grown generally by Radish growers if better known. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

Long Black Spanish. The popular winter sort. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

Round Black Spanish. Like the above, except in shape. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

Chinese White. Stump-rooted; 6 inches long, fine for winter. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

RHUBARB FR., Rhubarbe. GER., Rhabarber. Sow in drills an inch deep, and thin out the plant to six inches apart. In the fall transplant the young plants into very highly manured soil, setting them three feet apart each way, and give a dressing of coarse manure every fall. Stalks should not be plucked until the third year. Never allow the plant to exhaust itself by running to seed.

Rhubarb, Johnston's St. Martin. The finest and one of the earliest; an enormous size; the flavor is superior and requires less sugar than any other variety; color, delicate pink. Pkt., 5c.; oz., 30c.; ¼ lb., 90c.

Victoria or Giant. Stalks, red, thick, large, tender, of good quality. Pkt., 5c.; oz., 30c.; ¼ lb., 90c.

Rhubarb Roots. Each, 25c.; 5 for \$1.00; doz., \$2.00, postpaid; by express at your expense, doz., \$1.50.



RHUBARB

SPINACH

FR., *Epinard*.
GER., *Spinat*.

Sow in good rich soil, in drills one foot apart, covering the seed one inch deep, at intervals of two weeks from April to July. For winter use sow in August, and protect with a covering of straw during cold weather. Sow one ounce to 100 feet of drill, 12 lbs. per acre. Each—Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Spinach, Victoria. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance, and of the finest quality.

Bloomsdale, Savoy-Leaved. The leaves are numerous, succulent, curled and wrinkled like a Savoy cabbage, and it is also the hardiest of all the varieties.

Flanders. A large, broad-leaved, hardy variety, very productive, and good for either fall or spring sowing.

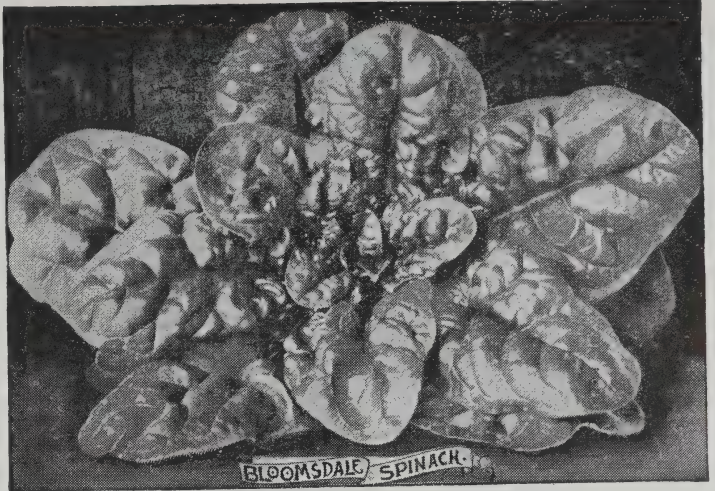
Round, Thick-Leaved Summer. Producing large, thick, dark green leaves, somewhat crumpled, and possesses the valuable quality of standing a long time.

Long Standing. An improved round-leaved strain of excellent merit. It goes to seed much later than others.

Monstrous Round-Leaved Viroflay. Resembles the preceding in shape of its leaves, but is much larger.

Prickly or Fall. One of the earliest; most generally used for fall sowing.

New Zealand Spinach. Produces leaves in abundance throughout the summer, may be raised in heat and transplanted 3 feet apart each way in good soil. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



SQUASH

FR., *Courge*. GER., *Kurbiss*. The Squashes are of tropical origin, and therefore it is useless to plant them until the soil is quite warm and all danger of frosts and cold nights are over; and as they make a very rapid growth there is no necessity for haste in getting the seed into the ground. Squashes are good feeders and like rich soil, it is best to manure in the hill. Allow for the bush varieties from three to four feet each way, and for the running sorts six to eight feet. Eight or ten seeds should be sown in each hill, thinning out after they have attained their rough leaves, leaving three of the strongest plants. One ounce for fifty hills.

AUTUMN AND WINTER SORTS

Squash, Mammoth Whale. This Squash produces most magnificent mammoth squashes. They are often three feet long, of a dark, rich color and sometimes weigh over 100 pounds. Its greatest diameter is near the blossom end, and tapers towards the stem end; this peculiar form, together with its immense size, doubtless suggested the name Mammoth Whale; very prolific, the vines are robust and hardy. The flesh is solid, of a beautiful orange-yellow color, and of excellent quality. It is a good winter keeper. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Boston Marrow. A good, tender, rich variety, for fall and winter, very productive. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.20.

Essex Hybrid. Richest flavored, finest grained and sweetest of the squash family; the very best keeper. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.20.

Marblehead. An excellent winter squash, good keeper, dry, sweet and delicious. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.20.

Hubbard. More largely grown as a winter sort than any other, of large size; flesh fine grained, dry and of excellent flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.20.

Warty Hubbard. This wartiness indicates a very hard shell, one of the best features in a long-keeping squash; it also denotes extra choice quality—the harder and more warty the shell of a Hubbard Squash is, the more delicate and sweet the flesh will be found. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.20.

Red or Golden Hubbard. Is a bright, deep orange-yellow; flesh, deep golden yellow; much richer color than Hubbard, fine-grained, cooks very dry, and of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it excels the old variety. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.20.

Early Prolific or Orange Marrow. Very early brilliant orange-red. Good cooking and keeping qualities make it popular with the consumer. This variety cannot be surpassed for the West. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.20.

SQUASH—SUMMER VARIETIES

Each—Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Squash, Golden Bush, Scalloped. Deep orange color, grown for first crop, esteemed for earliness.

White Bush, Scalloped. Like the above except in color, which is creamy white.

Giant Summer Crookneck. This variety is much similar to the old Summer Crookneck, but is very much larger, and considered to be of a more buttery flavor than the ordinary sort. They are fully twice the size, and produce fruit of a deeper yellow color, exceedingly early and very productive.

Vegetable Marrow

English Vegetable Marrow. Skin, greenish yellow; flesh, white, soft and rich flavor, quite distinct. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Long White Bush. Longer than preceding, creamy white, good quality. Profitable market sort. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

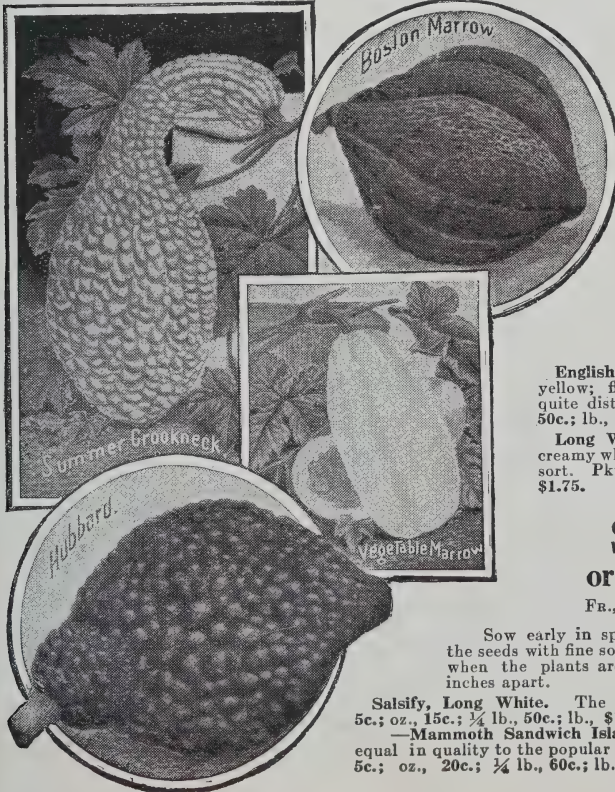
SALSIFY or OYSTER PLANT

FR., *Salsifis*. GER., *Bocksbart*.

Sow early in spring in drills 15 inches apart, cover the seeds with fine soil an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart.

Salsify, Long White. The well known standard variety. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

—**Mammoth Sandwich Island.** Of extra large size, and fully equal in quality to the popular old variety mentioned above. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



SALSIFY

TOMATO

FR., *Tomate*.
GER., *Liebesapfel*.

1 oz. for 1,500 plants; $\frac{1}{4}$ lb. (to transplant) for an acre.
Sow the seeds in the middle of March or April in the hot-bed or in a box in a sunny place in the house. To make very healthy stocky plants, they may be transplanted when about 2 or 3 inches high. When 5 or 6 inches high, if the ground has become warm, transplant to the open ground. Set the plants 4 feet apart. Following varieties (except where noted) each, pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 70c.

Steele, Briggs' "EARLIEST OF ALL"

Not only early but a prodigious and continuous bearer. Fruits of moderate size, handsome and uniform. Quality, solidity and flavor surpassingly fine.

Earliest of All is unqualifiedly superior to any other early Tomato grown. Its value lies not only in the actual time of ripening its first fruit, but that such enormous quantities of fruit can be gathered while all other so-called "Earlies" are ripening only a few. The fruits are of good size, brilliant scarlet in color, perfectly round, smooth and remarkably handsome. The flesh is solid, of perfect flavor and absolutely free from acidity. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.

—True Ponderosa. This grand variety is the monster of the tomato family, the tomatoes often weighing 2 to 3 lbs. each; of a rich bright crimson color and all solid meat; exceptionally free from seeds. Pkt., 5c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50.

—New Earliana. One of the earliest tomatoes in existence. Handsome in appearance, very productive, of finest quality, and of bright red color. Fruits ripen uniformly and are of good size. Splendid for market garden trade. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

—June Pink. Grows similar to Earliana. Fruit hangs in clusters of 6 to 10 fruits. Shows no tendency to blight. The uniform, smooth, attractively shaped, bright pink tomatoes do not crack and are without any green core. Ripens a few days later than Earliana. Pkt., 5c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50.

—Bonny Best. An early and productive variety. Fruits are round, somewhat flattened at stem end and are produced in abundance. The color is scarlet and quality good. It is also a good forcing tomato. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

—Ignotum. Very prolific, earliest of large red smooth sorts.

—Favorite (Livingstone's). One of the handsomest; very smooth.

—Chalk's Early Jewel. The largest, smoothest and finest flavored extra early Tomato in cultivation. Within a week or ten days as early as the famous Earliana; it is even a heavier cropper, with tomatoes of larger size and sweeter flavor. The large handsome fruits are very solid and deep through, being almost round or ball shaped. Color, brightest scarlet, Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

ripening right up to the stems without any cracks or green core. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

—Atlantic Prize. One of the earliest; not only ripens its first fruits, but a large proportion of crop earlier than any other sort; valuable to all with whom earliness is an object. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.

—Imperial. Highly recommended by leading growers. Pink and smooth.

—Beauty (Livingstone's). One of the best; round, smooth and a glossy crimson, slightly tinged with purple; solid, free from cracks and rot.

—Early Ruby. Earliest of all large-sized tomatoes, which combines good form, color and solidity. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.

—Dwarf Champion. Distinct in foliage and habit; compact and upright, fruits early. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

—The Stone. Ripens for main crop; very large, bright scarlet color; very smooth, ripening evenly to the stem without a crack; exceedingly solid, firm fleshed, excellent shipper, quality the best.

—Magnus or Plentiful. The fruit, borne in clusters, is very uniform, quite round, but slightly flattened at stem and blossom end, and of phenomenal solidity; even the seeds—which are surprisingly few—are imbedded in flesh of meaty firmness, in marked contrast to the cavities of watery pulp so usual in most other varieties; the color, a rich, glossy blood-crimson, permeates the flesh to the very heart, leaving no hard core inside the fruit. Pkt., 5c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25.

—Dwarf Stone (New). The Dwarf Stone is fully double the size of Dwarf Champion, and equally as early. It is very prolific and consequently more productive than that variety. The shape of the fruit is perfect with a good skin, bright scarlet color, and free from cracks at the stem end. Pkt., 5c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25.

—Golden Queen, or Sunrise. Smooth, solid and productive. Color, a beautiful yellow; none better for preserving. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.

—Dominion Day. On some soils it ripens before Atlantic Prize and Early Ruby. Those whose trade demands a large, smooth, red, early variety will find this just the sort they want. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

—Success. On account of its brilliant red color, depth and solidity, it is the handsomest tomato we have ever seen. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

Fancy and Preserving Sorts

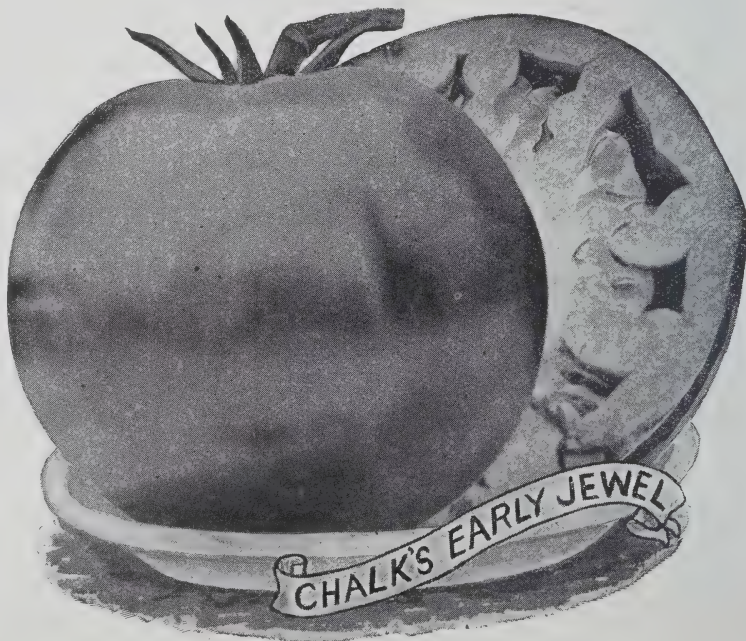
Tomato, Purple Peach. Very distinct, fruit of uniform size, resembling a peach in shape, size and color. Pkt., 5c.; oz., 50c.

—Strawberry, or Barbadoes Gooseberry. A distinct variety; the fruit has a juicy pulp of a pleasant strawberry-like flavor; with the assistance of lemon-juice it is frequently preserved like plums. Pkt., 5c.; oz., 50c.

—Pear-shaped, Yellow, Red Currant, Yellow Cherry, Red Cherry, Yellow Peach, Yellow Plum. Pkt., 5c.; oz., 50c.



EARLIEST OF ALL



FR., *Navet*.
GER., *Steckrube*.

TURNIP

Two Pounds in
drills for an acre.

For Early Turnips, sow as soon as the ground is dry enough. Fall Turnips may be sown from the first week in July to the end of August. Swedes should be sown in June or early in July, in drills 18 inches apart. Turnips should be thinned when large enough, 6 to 9 inches apart in the drills, according to size.

Turnip, Extra Early Milan. Early with purple top and strap leaf, mild and sweet. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

—Extra Early White Milan. The entire bulb, inside and out, is clear ivory-white in color, the outer surface is perfectly smooth. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

—Early Snowball or White Stone. A fine garden variety; globe-shaped, medium sized. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

—Jersey Half-long White. Nearly cylindrical, but swollen at the lower end. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

—Large Amber Globe. Flesh yellow; fine-grained and sweet; color of skin yellow, with green top. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

—White Globe Purple Top. It is globular, of beautiful appearance, of most excellent quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 45c.

Turnip, Golden Ball, or Orange Jelly. Of excellent flavor, globe-shaped, bright yellow color; a superior table variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

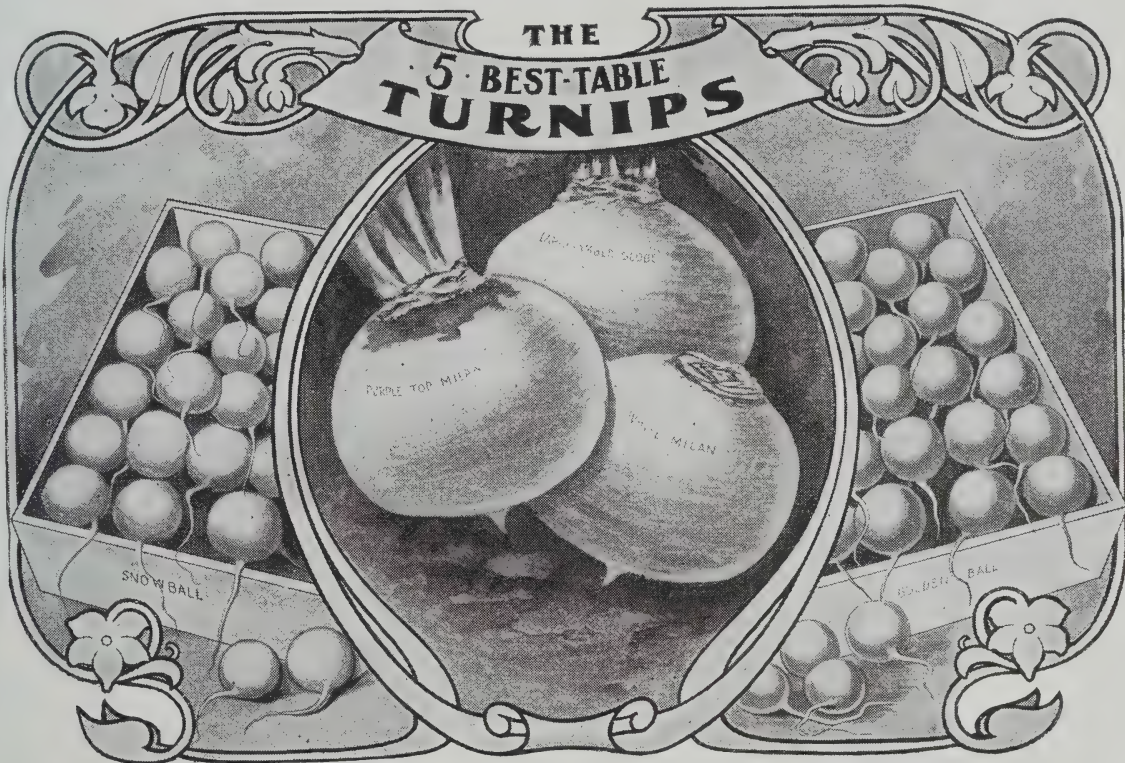
—Red Top, Strap Leaf. Rapid grower and of mild flavor; the most popular variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 45c.

—White Six Weeks, or Nimble Dick. Very early, fine shape, small top and excellent flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

—Early White Flat Dutch, Strap Leaved. Roots medium sized, flat, white and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

—Laing's Purple Top, Strap Leaf. An excellent variety for garden or field; medium size. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

—Hazard's Swede. This is undoubtedly the finest Swede for table use, juicy and of exquisite flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 18c.; lb., 35c.



SWEET, POT AND MEDICINAL HERBS

No garden is complete without a few herbs for culinary and medicinal purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dry quickly and pack closely, entirely excluded from the air. Sow in spring in shallow drills, one foot apart, and when well up, thin out and transplant to a proper distance.

Anise (*Pimpinella Anisum*). Used for cordial, garnishing and flavoring. Pkt., 5c.; oz., 25c.

Balm (*Melissa Officinalis*). Principally used for making balm tea or balm wine for use in fevers. Pkt., 5c.; oz., 35c.

Basil, Sweet (*Ocimum Basilicum*). The leaves and tops of the shoots are used for highly seasoned dishes, soups, stews and sauces; a leaf or two is sometimes introduced into salads. Pkt., 5c.; oz., 30c.

Borage (*Borago Officinalis*). Much used in clarets and other drinks. An excellent bee plant. Pkt., 5c.; oz., 35c.

Caraway (*Carum Carui*). The seeds are used in confectionery and medicine. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.

Coriander (*Coriandrum Santivum*). Used for garnishing, and the seeds are used by confectioners. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 35c.

Dandelion, Improved Cabbage. The improved variety makes one of the earliest and best greens in cultivation. Pkt., 10c.; oz., \$1.00.

Dill (*Anethum Graculosum*). The leaves are used in soups and sauces, and to put along with pickles. Pkt., 5c.; oz., 25c.

Fennel (*Anethum Foeniculum*). The leaves boiled enter into many fish sauces, and, raw, form a beautiful ornament. Pkt., 5c.; oz., 25c.

Horehound (*Marrubium Vulgare*). Pkt., 5c.; oz., 35c.

Hyssop (*Hyssopus Officinalis*). The leafy tops and flowers are gathered and dried for making Hyssop Tea. Pkt., 5c.; oz., 35c.

Lavender (*Lavendula Spica*). An aromatic herb. Pkt., 5c.; oz., 60c.

Marjoram, Sweet. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Mint. Used for seasoning and garnishing. Pkt., 10c.

Rosemary (*Rosemarinus Officinalis*). Pkt., 5c.; oz., 60c.

Rue (*Ruta Graveolens*). Used for medicinal purposes; also given to fowl for roup. Pkt., 5c.; oz., 35c.

Saffron (*Garthamus Tinctorius*). Pkt., 5c.; oz., 25c.

Sage (*Salvia Officinalis*). The leaves and tender tops are used in dressing and sauces. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Savory, Summer. (*Satureia Hortensis*). Used for seasoning. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Thyme, Broad-leaved. (*Thymus Vulgaris*). For seasoning, etc. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

Wormwood (*Artemisia Absinthium*). Used for medicinal purposes. Pkt., 5c.; oz., 35c.

TOBACCO

The seed should be sown as early as possible after danger of frost is over. A good plan is to burn a quantity of brush and rubbish in the spring on the ground intended for the seed bed, then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are large enough, transplant into rows six feet apart each way, and cultivate thoroughly.

Tobacco, Connecticut Seed Leaf. This is an old well-tried variety; produces immensely on good soil. Pkt., 5c.; oz., 30c.

—Havana, Choice. A very early variety, and the best of the Americanized Havana. Pkt., 5c.; oz., 50c.

—Quesnelle. One of the most popular sorts with Canadian growers. Leaf broad and of good flavor when cured. Pkt., 5c.; oz., 50c.

STEELE, BRIGGS' FAMOUS FARM SEEDS

NOTED ALL OVER THE WORLD FOR THEIR VIGOR, PURITY AND RELIABILITY

Our Seeds are sold by all reliable Seed Dealers. If you cannot get what you want from your local dealer—send to us direct.

(1 lb.) *STEELE, BRIGGS'*

“ROYAL GIANT” SUGAR BEET

GROWS HEAVY CROPS. EASILY HARVESTED.

LARGE CLEAN ROOTS. HIGHEST FEEDING QUALITIES.

SUPPLIED IN SEALED PACKAGES ONLY

The Steele, Briggs
SEED CO. LIMITED

TORONTO. ONT.



STEELE, BRIGGS' “Royal Giant” Sugar Beet

A distinct type of Sugar Beet, producing not only a “Royal” good crop but roots of giant size and richest feeding quality. Gives a yield of nearly 50 tons of clean roots per acre. The roots are longer than Danish or any of the other varieties, heavy, even shaped, holding their size to the ground, when they gradually taper to a point; stand upright, and three-fourths their length out of the ground. They are so easily harvested that they may be turned out by a push of the foot, free from small or prongy roots. The color of the roots is a bronzy-green nearest the top, the body a light green shaded, changing to a bright rose above ground, the tip a lighter shade of rose. The flesh is white, solid, tender and very sweet and imparts a rich pleasant flavor to dairy products when fed to milch cows. Our “Royal Giant” is the heaviest cropping Sugar Beet known to us, the largest, handsomest and cleanest roots, the most easily harvested and most profitable Sugar Beet to grow. (Sold only in sealed packages). Price, lb. 35c.; (by mail, postpaid, lb., 40c.)

Danish Sugar Beet. Roots of medium length, shoulder broad with heavy body, gradually tapering to a clean point. Color, deep rose or red; flesh white, crisp and sugary: a heavy cropper and easily harvested. Per lb., 35c. (by mail, postpaid, ¼ lb., 15c.; lb., 40c.)

White Silesian Red Top. Of reddish-green color above ground, white beneath; it contains a large percentage of sugar, and stands high in merit for its rich feeding qualities with all who grow it. Per lb., 35c.; (by mail, postpaid, ¼ lb., 15c.; lb., 40c.)

BEETS FOR SUGAR-MAKING PURPOSES

Vilmorin's Improved. Bulbs of small size, but contain a larger percentage of sugar than any other variety on the list. It is chiefly grown in Europe for sugar-producing purposes, for which use it must be grown entirely under ground, but need not be so cultivated when grown for stock-feeding purposes. It is somewhat rooty in harvesting, but will amply repay the additional labor by its superior quality. ½ lb., 28c.; lb., 50c., by mail, postpaid.

CARROT FIELD VARIETIES

Sow seed in drills, 18 to 24 inches apart, from the middle of April to the first of June, and when about 3 inches high thin out from 4 to 6 inches apart. Carrots require deep, rich, loamy soil to produce heaviest crops, and should be prepared and manured in the fall preceding the carrot crop. 2 to 3 lbs. is the usual quantity of seed per acre.

STEELE, BRIGGS'

“Improved Short White” Carrot

The surest cropper, heaviest yielder, handsomest shaped, easiest harvested, most uniform sized, the greatest favorite, and the very best Field Carrot in existence. Sold in sealed packages only.

It may be properly called “Little Giant.” Seldom exceeds 16 inches in length and has been grown to measure 27 inches in circumference; stands nearly one-fourth out of the ground, with a strong, handsome top, broad and heavy at the shoulder, tapering evenly to a point. The color is pale green above ground, and a light creamy white under ground; flesh, rich white; solid, sweet and very nutritious. Under good cultivation it has yielded 1,000 bushels per acre. Price, ¼ lb., 40c.; ½ lb., 70c.; lb., \$1.25, postpaid.

Scarlet Intermediate. Roots grow half-long, pointed, of good large size, flesh of an orange-yellow, fine grained, an excellent variety either for the table when in young stage or for feeding when fully matured. ¼ lb., 60c.; ½ lb., \$1.00; lb., \$1.80, postpaid.

Large White Belgian. Grows one-third out of the ground; root pure white, green above ground, with small top; flesh rather coarse, but the roots, on rich light ground, grow to a large size, and are extensively grown for stock feeding. ¼ lb., 35c.; ½ lb., 60c.; lb., \$1.05, postpaid.

Long Orange or Red Surrey. A popular field variety, large, fine quality and tapers regularly to a point. ¼ lb., 35c.; lb., 65c.; lb., \$1.15, postpaid.



MANGEL WURZEL

For a good crop of Mangels, select a rich, deep loam. The heaviest crops are invariably grown upon land which has been liberally manured and thoroughly cultivated. Artificial manures applied at the rate of from 500 to 1,000 lbs. per acre, with the addition of 300 to 400 lbs. of salt, will increase the yield per acre to a very large and profitable extent. Sow any time from the middle of April to the end of May in drills from 2 to 3 feet apart, covering the seed a uniform depth, and thin the plants to 12 to 15 inches in the row. The long varieties do best in a deep, sandy loam; the round varieties on the same, if possible, but the latter will succeed better on strong, stiff land.

SOW FOUR OR FIVE POUNDS OF SEED PER ACRE

In Field Root Seeds we have the largest trade in America. We have spared no pains to supply our Customers with the finest stocks—true to name and the heaviest yielders.

STEELE, BRIGGS' PRIZE MAMMOTH, OR GIANT LONG RED

There is no other root crop grown which produces so large an amount per acre as the Prize Mammoth or Giant Long Red Mangel. Our strain of Mammoth Long Red is exceptionally fine and expressly grown for our own trade from selected, well-shaped roots. Dealers and growers who have used it for years past prefer it to any other long red variety. Has a distinct appearance; roots are massive, straight and regular in size, broad shouldered, small top, free from coarseness and of most excellent feeding and keeping qualities. Sold in 1 lb. sealed packets only. Lb., 35c. (by mail, postpaid, lb., 40c.)

STEELE, BRIGGS' GIANT YELLOW OVAL OR INTERMEDIATE

It is remarkably even in shape, rather elongated and of vigorous growth, and has a fine neck; large leaves with green stems and very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle; easily harvested (growing more than half above the ground), producing an enormous crop, and is an excellent keeper. Sold in 1 lb. sealed packets only. Lb., 35c. (by mail, postpaid, 40c.)

STEELE, BRIGGS' GIANT WHITE SUGAR

It differs from the ordinary varieties of Mangel, being much sweeter and, in consequence, more nutritious. The roots are very large, firm, smooth, clean, of oval shape; stands well out of ground and very easily harvested. The color of root is light green at shoulder, white beneath; flesh white, crisp, sweet and unexcelled in feeding quality. It is the heaviest-yielding Sugar Mangel in cultivation and relished by all stock upon the farm. All Mangels are Beets; this may be called a Sugar Beet, but it is a distinctive type and color. Sold in sealed packages only. Lb., 35c.; (by mail, postpaid, lb., 40c.)

STEELE, BRIGGS' GIANT YELLOW GLOBE

The finest Yellow Globe in cultivation. Roots are of immense size, fine shape, single tap root and neat top. The flesh being remarkably fine, and fine-grained, renders it an excellent keeping variety. Sold in 1 lb. sealed packages only. Lb., 35c. (by mail, postpaid, lb., 40c.)

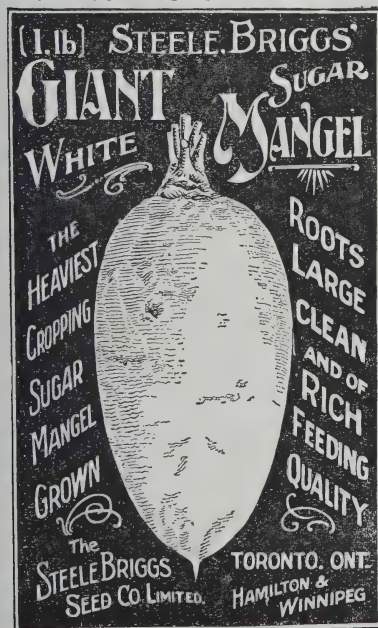
IMPROVED MAMMOTH SAW-LOG

This strain of Saw-Log is exceptionally fine and especially grown for our trade. It has a distinct appearance; straight and regular in size, broad shouldered, small top, free from coarseness and is excellent for feeding. Lb., 35c. (by mail, lb., 40c.)

DANISH SLUDSTRUP or YELLOW INTERMEDIATE

One of the best in cultivation.

This new Danish strain of Mangel is similar in form to the Giant Yellow Intermediate, but of a more reddish-yellow color, and is said to contain a larger percentage of nutriment than any other sort. It is very hardy, grows well above ground; a splendid yielder and easily harvested. Lb., 35c. (by mail, postpaid, lb., 40c.)



—Golden Fleshed Tankard. Most nutritious variety in cultivation; roots large, ovoid, but filled out at top and bottom, terminating with a small tap root; flesh deep golden yellow, solid, crisp, sweet and rich; excels all others in milk-producing qualities and very productive. $\frac{1}{4}$ lb., 12c.; lb., 35c. (by mail, $\frac{1}{4}$ lb., 15c.; lb., 40c.)

—Mammoth Long Red. A good variety. $\frac{1}{4}$ lb., 10c.; lb., 30c. (by mail, $\frac{1}{4}$ lb. 13c.; lb., 35c.)

—Giant Half Sugar Rose Tinted. A hybrid between Mangel and Sugar Beet, growing to a large size and containing valuable feeding qualities. Grows fine, large, shapely root, containing a good percentage of sugar. Lb., 35c. (by mail, $\frac{1}{4}$ lb., 15c.; lb., 40c.)

—Giant Yellow Intermediate. Remarkably even in shape, rather elongated, of vigorous growth and has a fine neck; flesh white, firm and sweet; produces enormous crops, and is an excellent keeper. $\frac{1}{4}$ lb., 12c.; lb., 35c. (by mail, $\frac{1}{4}$ lb., 15c.; lb., 40c.)

—Yellow Leviathan. Root long, olive-shaped, large, growing over one half out of ground; flesh white, sweet and tender; tops bright green, comparatively small; neck small, short. $\frac{1}{4}$ lb., 12c.; lb., 35c. (by mail, $\frac{1}{4}$ lb., 15c.; lb., 40c.)

—Yellow Globe (Select). Similar to Red Globe, except color; equally productive, color light yellow; handsome shape and good keeper. $\frac{1}{4}$ lb., 12c.; lb., 35c. (by mail, $\frac{1}{4}$ lb., 15c.; lb., 40c.)

"I took first prize on Forage Corn, Golden Flesh Mangel and Royal Giant Sugar Beet from seeds bought from you at Trail, B.C."

MATTHEW HILL, Wanita, B.C.



Steele, Briggs' Seeds are sold by Leading Merchants all over Canada. If you can't get what you want from your local dealer, send to us direct.



It is the best drought and mildew-resisting variety known; produces clean bulbs of medium size, nearly round; of a purple color above ground, yellow beneath; small top and neck, flesh rich yellow, crisp, sweet and juicy. Those who grow Swedes for shipping will find it a gem. None better for winter storing. Sold in sealed packages. $\frac{1}{2}$ lb., 20c.; lb., 35c. (By mail, postpaid, $\frac{1}{2}$ lb., 23c.; lb., 40c.).

STEELE, BRIGGS' PERFECTION

A very highly improved variety of Purple Top Swede Turnip. It produces large, round, well-formed bulbs, very clean, and free from prongy roots. Easily harvested and an excellent cropper. Bulbs are of a deep purple color above ground, yellow beneath; flesh rich yellow, solid and of the finest feeding quality. A good winter keeper. Sold only in sealed packages. $\frac{1}{2}$ lb., 18c.; lb., 30c. (Postpaid, $\frac{1}{2}$ lb., 20c.; lb., 35c.).

TURNIPS FOR FALL FEEDING

The following varieties are not so well adapted for late winter feeding as the Swedes, being of larger and quicker growth, are coarser in texture, and when kept too long in winter, become spongy, and lose their fine feeding qualities, but for fall and early winter feeding are grown with profit, producing a great bulk per acre, and may be sown later in the season than Swede varieties.

Turnip, Aberdeen, Yellow, Purple Top. An excellent variety for early winter feeding, and deserves to be grown more generally. $\frac{1}{4}$ lb., 10c.; lb., 25c.; (postpaid, $\frac{1}{4}$ lb., 12c.; lb., 30c.).

Devonshire Greystone. Very useful kind of turnip, produces an immense crop of excellent quality, of great value for feeding off early, and well adapted for late sowing. $\frac{1}{4}$ lb., 10c.; lb., 25c.; (postpaid, $\frac{1}{4}$ lb., 12c.; lb., 30c.).

MAMMOTH OR IMPROVED GREYSTONE

Produces a greater bulk per acre in a given time than any other turnip; produces remarkably heavy crops on heavy soil; bulbs are large, round and of purplish color above ground, white beneath; flesh white and very solid, it retains its good feeding qualities well into the winter when sown late in the season. Sold only in sealed packages. $\frac{1}{2}$ lb., 15c.; lb., 25c. (By mail, postpaid, $\frac{1}{2}$ lb., 20c.; lb., 30c.).

Large White Flat Norfolk. Roots large, globe-shaped, slightly flattened and very white. A splendid variety for feeding stock. $\frac{1}{4}$ lb., 20c.; lb., 50c., postpaid.

Red Globe Norfolk. A medium size, skin red where exposed to sun, below ground white, should be fed early. $\frac{1}{4}$ lb., 10c.; lb., 25c.; (postpaid, $\frac{1}{4}$ lb., 12c.; lb., 30c.).

SWEDE TURNIPS

(Continued)

STEELE, BRIGGS' "GOOD LUCK" PURPLE TOP SWEDE

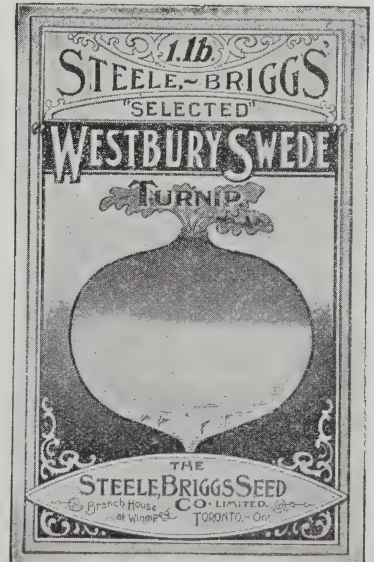
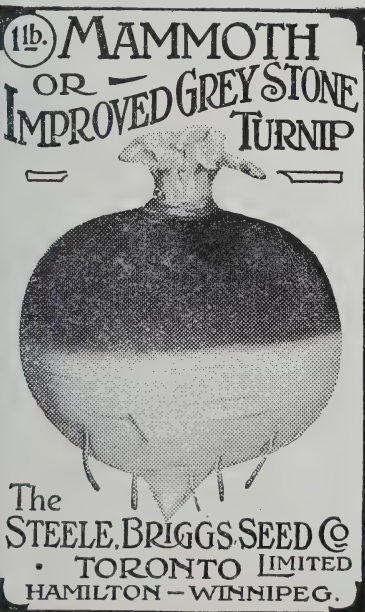
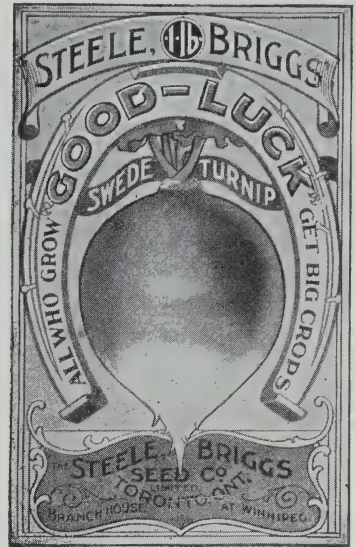
This grand new Swede is bound to take a leading place with root growers who prize a good crop. The bulbs are of an oval shape, large, clean and of handsome appearance. It is claimed to be the finest Swede of recent introduction in England, and upon our own trial grounds fully sustains the claim, and the name we give it. Sold only in sealed packages. $\frac{1}{2}$ lb., 18c.; lb., 30c.; (by mail, postpaid, $\frac{1}{2}$ lb., 20c.; lb., 35c.).

STEELE, BRIGGS' "SELECT WESTBURY" SWEDE

A highly selected strain and a favorite variety of Purple Top Swede Turnip. Produces large, handsome, round-shaped bulbs, flesh rich yellow, sweet flavored, and a grand crop producer, excellent for winter storage. Its uniform shape and fine quality have brought it into favor for growing and shipping to the American market. Sold only in sealed packages. $\frac{1}{2}$ lb., 18c.; lb., 30c. (by mail, postpaid, $\frac{1}{2}$ lb., 20c.; lb., 35c.).

UNRIVALED CANADIAN GEM

A variety of recent introduction and which may be called a Twentieth-Century acquisition. Produces large, round-shaped bulbs, flesh rich yellow, sweet flavored, and a grand crop producer, excellent for winter storage. Its uniform shape and fine quality have brought it into favor for growing and shipping to the American market. Sold only in sealed packages. $\frac{1}{2}$ lb., 18c.; lb., 30c. (by mail, postpaid, $\frac{1}{2}$ lb., 20c.; lb., 35c.).



Red Top, Strap Leaf. Early, hardy, very prolific, of excellent quality. It is one of the best for late sowing. The bulbs are flat, smooth and regular in form; flesh, clear, white and remarkably well flavored. $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 33c.; lb., 50c., postpaid.



O.A.C. No. 21 BARLEY

BARLEY

Give the Barley crop fair attention and we can produce as fine quality as anywhere in the world, and big yields. Weight of grain per acre, Barley often equals Oats. For feeding, the grain ranks high for all kinds of live stock. It is a great pork producer in both quantity and quality. As a cleaning crop, it fills a special place—the land may be cultivated as late as the first of July and then sown with Barley.

Although the Two-Rowed Barleys are grown extensively in Great Britain and a number of European countries, the Six-Rowed varieties are used almost entirely on this continent, and further they yield better than any of the other types.

Hull-less Barley of either the black or white variety matures early and is less productive than either the two or the six-row types. There is little sale for this barley. It is grown principally as a feed.

Beardless Barley resembles the hull-less in yield and early maturity, and, like the hull-less, seems to possess a weaker straw than the two

or six-row types. Sow Barley at the rate of 2 to 2½ bushels per acre. 48 lbs. constitute a bushel.

O.A.C. No. 21, SIX-ROWED BARLEY

A selection from the Mandscheuri variety, developed at the Ontario Agricultural College, Ontario. It has given very heavy yields in Ontario—heading the list there. It also does well in the East as well as the West. It is noted for freedom from rust, strength of straw, heavy yield, and the grain suits the maltster admirably. We recommend it highly. Bushel, \$1.20; 5 bushels and over at \$1.15, bags included.

—Selected Canada Six-rowed. This standard and well-known variety has been a favorite for many years, giving the very best satisfaction under a variety of conditions. Bushel, \$1.20.

—Mandscheuri. An early six-rowed variety, very strong strawed and stools well, bearing large, well-filled heads of beautiful grain, possessing maling qualities of a high order and adapting itself readily to a great variety of soils. It has occupied first place at the O.A.C., Guelph, for some time, giving an average yield of over 60 bushels per acre. Per bushel, \$1.15; 10 bushel lots and over, \$1.10 per bushel.

—Black Hull-less. The grain of this Barley closely resembles that of the wheat or rye except in color. Its standard weight is the same as that of wheat, 60 lbs. per measured bushel, but it frequently exceeds this weight. Lb., 15c.; 5 lbs., 50c. (postpaid); bushel, \$2.00.

—Duckbill Two-rowed. Succeeds well on most soils. A variety of merit. Bushel, \$1.25.

BUCKWHEAT

Buckwheat, Silver Hull. Superior to the common variety, in bloom longer, matures sooner and yields much more per acre; thin husk and of a silvery grey color. Per lb., 20c.; 4 lbs., 60c. (postpaid); per bushel, \$1.00.

—Common. Grows a very heavy straw, branches more and does not need to be sown as quickly as other sorts. Per bushel, \$1.00.

—Japanese. Enormously productive; the kernels are nearly twice the size of any other variety, and of a distinct shape, the color is a rich dark brown, very heavy straw, branches more and does not need to be sown as thickly as other sorts. Per bushel of 48 lbs., \$1.25.

EARLY SOJA BEAN

Valuable for stock feeding. This variety will ripen in Canada. It grows to a height of about four feet, is heavily podded and has yielded over ten tons per acre. It is coming rapidly to the front as a soil improver and is also very valuable for fodder, either for curing, feeding green or for silo in mixture with corn. Sow 30 lbs. per acre broadcast, or in drills 3 ft. apart, 1 ft. between plants. Lb., 25c.; 4 lbs., 90c. (postpaid); by express at purchaser's expense, 100 lbs., \$8.00.

TEOSINTE (Reana Luzurians)

Somewhat resembling corn in appearance, but leaves are much longer and broader, and the stalks contain sweeter sap. In its perfection it produces a great number of shoots, growing as much as twelve feet high; very thickly covered with leaves, yielding such an abundance of foliage that one plant is considered sufficient to feed one pair of cattle for twenty-four hours. Eighty-five stalks have grown from one seed, attaining a height of eleven feet. Horses and cattle eat it as freely as young sugar corn. About three pounds of seed will plant an acre. Price, by mail, postpaid, per oz., 10c.; ¼ lb., 25c.; lb., 75c. By express at purchaser's expense, 10 lbs., \$5.00.

SPELTZ or EMMER

50 lbs. per bushel. Speltz will thrive on stony land, on gravelly land, on any poor land, on the prairie and on the hills. Frost will not hurt it to any extent. It yields heavily; it is a safe and early crop in the driest season. The grain makes first-class feed for all kinds of stock. It is also splendid for green pasture, and when dried and used as hay, it is relished by cattle. Lb., 15c.; 4 lbs., 50c. (postpaid); bushel, \$1.60; 10 bushels and over at \$1.50, bags included.

SPRING RYE

Each season a large number of farmers find themselves short of fodder and to provide against this it is well to plan to grow some annual fodder crop. The earliest plant of this character is Spring Rye. It is quite hardy and the seed can be sown as soon in the spring as the frost is out of the ground. It grows very rapidly and should be cut as soon as the head appears, when it makes good green fodder and hay. It is best cut with the binder and handled in sheaves, in which shape it cures well. The yield varies from one to four tons per acre. It grows again after cutting, affording considerable pasture in a moist season. In districts liable to dry weather, nothing can equal Rye to produce a crop. Bushel, \$1.75; bags, 25c. each, extra.



NEW OAT "YELLOW RUSSIAN"

**Strong, stiff Straw. Stands up against Wind and Storm.
Heavy Yields. Excellent Straw for feeding cattle.**

"Yellow Russian" is a grand new Oat, and has taken a very high place in the agricultural experimental tests. The grain is light yellow and not white. The straw is long and very stiff. Stands up well against wind and storms. It is a medium early variety, with a thin hull and is free from rust; in fact, we have not seen any fields with the least sign of rust showing. It is also less subject to blight than many other varieties on record. **"In 1913 this Oat received 1st prize in sheaf and in two-bushel bags, both at the Toronto Industrial Exhibition and at Ottawa Exhibition. This speaks for itself."**

This variety being rust-proof makes the straw excellent for feeding stock. On good land it is not unusual for them to stand five feet high. The heads are erect, very large and branching. Do not confuse this with the White Russian Oat. It is an entirely distinct variety, and infinitely superior to the white variety in every way. Price, \$1.50 per bus.; 10 bus. lots, \$1.40 per bus.; bags, 25c. each, extra.

Jas. Boyd, of Cedar Grove, Ont., says of this Oat:—"I consider 'Yellow Russian' to be the best business proposition in Oats at the present time. Of all the farms I examined and judged, in the past two years, 'I consider the Yellow Russian to be the money-maker. I honestly recommend it to farmers who require a first-class Oat, that will stand up strong and produce good crops on any soil.'"

This judgment of Mr. Boyd's is confirmed by J. Lockie Wilson, of the Ontario Agricultural Department, who says:—"Mr. James Boyd, of Cedar Grove, has been an expert judge for a number of years, and I consider him one of the best judges we have on our staff."

One of our growers, C. H. Thurston, of Bobcaygeon, Ont., from whom we secured part of our stock, says of it:—"The Yellow Russian Oat has done splendidly in this district. On the advice of Thos. Cosh we got the original stock from the Experimental Fair at Guelph, 1908. They stand first in five years' test on the Bulletin sent out from Guelph in 1912. They stand stronger than the varieties of White Oats in the competition of field tests, and have won more prizes at Toronto and Ottawa than any other Oats. If you look up reports on Field Crop Competitions of 1910, 1911, 1912, 1913, you will find that this Oat has been the **Winning One** at Toronto and Ottawa, and you will find that 'they back up what I state.'"

(Signed) C. H. THURSTON, Bobcaygeon, Ont.

NEW EXTRA EARLY OAT "INDUSTRIAL"

Strong Straw. Extra Earliness and Extreme Hardiness.

Qualities are: **Extreme Earliness, Hardiness and Yield.** In this new Oat

we have found a variety that has been long looked for. It will ripen with barley, and has long, strong straw, and stools out well. The grain is very heavy and is also a very heavy-producing sort on nearly any soil. The grain is large, heavy and white, with a fairly thick hull. While the Orloff and the Daubeney are quite as early, there is no comparison, as regards the size of the grain and the yield per acre. The kernel is double the size of either variety and the straw is much stronger, stiffer and better. This variety will prove a boon to the farmers of the northern districts and on soil where the season is late.

Price, \$1.25 per bus.; 10 bus. lots, \$1.10 per bus. Bags, 25c. each, extra.

GRAND NEW WHITE OAT, O. A. C. No. 72

**Very thin Hull. Long, strong Straw. Splendid yielder.
Stands up well.**

This grand new Oat originated on the Experimental Farm at Guelph and has proved to be a great success. It is the first time we have had the opportunity to offer it to our customers.

The straw is long, thick and heavy, with a hull 8% thinner than any other Oat we know of. It has splendid feeding properties, and is the heaviest yielding Oat we have tested for years.

Professor Zavitz, of the O. A. C. at Guelph, says:—"The average yield per acre of the O. A. C. No. 72 Oats, during the length of time we have been testing 'it in our experimental plots has given an average at the rate of about 90 bushels per acre. It possesses a long stiff straw which is comparatively free from rust. It has a spreading head and white grain. Not only has it given a larger yield of grain per acre, but the grain is of excellent quality, being thinner in the hull than that of the Banner and Abundance, and most other varieties which are commonly grown in Ontario. The O. A. C. No. 72 has made the highest record of the varieties of Oats used in the co-operative experiments throughout Ontario. It is a late variety, being a little later in reaching maturity than the Banner. It has made the best all around record of the varieties of Oats which we have had under experiment in recent years."

We have not a very large quantity to offer, and parties wishing a trial should order early.

Price per peck, \$1.00; ½ bus., \$1.75; bus., \$3.00; by freight or express at purchaser's expense. Small quantities by mail, 1 lb., 30c.; 4 lbs., \$1.00, postpaid.





AMERICAN BANNER OATS

IMPROVED AMERICAN BANNER OATS

GROWN FROM REGISTERED SEED, CERTIFICATE NO. 8317

It is a good many years since the original American Banner Oat was brought into Canada from New York State. From the first it took a high position, but later became badly "run out." Realizing what it meant to the Country to lose this valuable variety, the Canadian Seed Growers' Association set to work to resuscitate it, and by their systematic, careful methods, we now have in Canada, the **IMPROVED AMERICAN BANNER OAT**—a better strain than the original. For the past seven years Steele, Briggs have handled only one strain of this Oat—it is the strain that out-yielded all other strains in tests by the Government Experimental Farms. It is the very best. From north, south, east and west come similar reports. Medium early, a great yielder, thin hull, heavy berry of nice shape and finest milling quality, straw stiff. Where you find a farmer dissatisfied with Banners, the chances are he did not get the true variety. Now, our stock is pure—so pure that we do not think a single head of any other variety can be found in it. If there is anything in selection (and we know there is much) this Seed cannot be surpassed from any other source.

Sow this strain and you will have Banner genuine, of the best type, with a pedigree extending back for fifteen years by hand selection, each year in special plots. This Oat gives you a superb quality of straw which makes pleasant and economical harvesting, a yield always up among the highest, for a full granary, fat horses, and some over to sell to your neighbors for Seed. Price, 1 bushel, \$1.25. 10 bushel lots, at \$1.15, bags 25c. each, extra.

White "Derby" Oats Derby is an early Oat. The grain is very large, plump, and has a thin hull. The straw is stiff and thick, making it free from lodging, and it is not subject to rust or blight.

The individual heads are very large and carried on a strong straw that will stand up when most others go down. It stools freely, and gives an enormous yield. We have tested it with a number of other varieties, and have found it to be nearly equal to the "Registered Banner" stock. We recommend this Oat. Per bushel, \$1.00; in 10 bushel lots, 95c. per bushel. Bags, 25c. each, extra.

Abundance (White) These are very handsome and heavy white Oats of great productiveness, and has become very popular in many sections. They do very well on ordinary soil. On rich, heavy land it grows so rank, the straw not being large in proportion to its weight, that they are much inclined to lodge. Large yields have been reported from this Oat. Per bushel, 80c.; 10 bushels, 75c. per bushel. Bags, 25c. each, extra.

Improved White "Ligowo" Oat The improved "Ligowo" is a large white, plump variety, with a branching head and stiff straw, a vigorous grower, very prolific and early; not inclined to rust or smut. At all the Experimental Farms throughout the Dominion it has given splendid results. Price, per bushel, 80c.; 10 bushel lots and over, 75c. per bushel. Bags, each, 25c. extra.

Siberian Oat A leading white standard variety. Per bushel, 80c.; 5 bushel lots and over, 75c. per bushel.

Sensation Oat (White) The grain is of good size, the hulls are thin, and the kernel is the largest in proportion to the size of the Oat we have yet seen, making it the best variety grown for feeding and milling purposes. The Sensation stools out well, and the straw is very strong, and does not lodge, even when others with a less weight of head go down. Bushel, 80c.; 10 bushel lots and over, 75c. per bushel. Bags, 25c. each, extra.

Improved Black Tartarian Oat This is undoubtedly the leading Black Oat of the day. It is extremely hardy, grows with vigor and rapidity, stands well and adapts itself to almost any soil. It is the darkest of the black varieties, a sure and heavy yielder, large, and plump in the grain. Its thin hull makes it a valuable feeding Oat, and is also an advantage in seeding, allowing it to germinate quickly. Our seed is grown from imported stock. Bushel, \$1.00; 10 bushel lots and over, 95c. per bushel. Bags, 25c. each, extra.

Twentieth Century Oat A white branch Oat. It has a very heavy grain with a thin hull; is borne on a stiff strong straw, not inclined to rust or smut. It has given splendid results and we can recommend it as being one of the very best Oats for cultivation. Bushel, 80c.; 5 bushel lots and over, 75c. per bushel.

Prices quoted are ex-warehouse, Toronto or Hamilton, and are subject to market changes. Bags, 25c. each, extra.

STEELE BRIGGS

"LION" BRAND

CLOVER & GRASS SEED

CHALLENGE THE WORLD FOR QUALITY

"Canada's Greatest Seed House"

STEELE, BRIGGS'

SEEDS

CLOVERS AND GRASSES

STEELE, BRIGGS' "LION" BRANDS REIGN SUPREME

STEELE, BRIGGS' "LION" Brands of CLOVER and GRASSES are intended to INVARIABLY represent the best seed obtainable both as respects purity, size, highest germination and appearance. The lion represents the KING OF BEASTS, so "LION" also represents the "KING" QUALITY IN SEEDS.

Ever since we commenced selling "LION" CLOVER and TIMOTHY, their quality has been unvaryingly maintained and has won for itself such a high reputation that some unscrupulous dealers have taken the advantage to try and work off lower grades of cheap and inferior seed as "LION." In order to protect ourselves, our customers, and the good name it has won, we have decided to send "LION" brands out in SEALED BAGS ONLY. To obtain our Genuine "LION" Quality be sure it is sealed with a lead seal at the top of the bag.

Farmers are constantly demanding REALLY FIRST-CLASS CLOVER and GRASS SEEDS. It has always been our aim to supply the best and we take EXTRA SPECIAL CARE in our selections to secure stock to make our "LION" Brands, both for PURITY AND GERMINATION, the pick from hundreds of samples of seeds assembled from the cleanest farms.

Our "LION" CLOVER and GRASS SEEDS are acknowledged to be the best seed obtainable. All to be strictly the best for Purity, Quality and Vitality in the highest degree.

SELECTION AND PREPARATION

We decline to purchase rough and uncleaned seed and refuse any lots containing such noxious weed seeds that cannot be cleaned to comply with the Seed Act. Every lot of seed when arriving in our warehouse is carefully examined by our Seed Experts and graded according to intrinsic worth. It is then thoroughly cleaned over our system of mills, which are the finest and most up-to-date that brains have contrived and money can buy.

GERMINATION TEST

We make a most thorough germination test, in duplicate, of every lot of seed we offer, which is done according to the standard methods employed by the Department of Agriculture at Ottawa, Washington, and by European seed-testing stations.

LOCAL MERCHANTS

WE SUPPLY THE LEADING MERCHANTS dealing in seeds throughout the Dominion and from whom our specially prepared "Seed Supplies" may be obtained. Should your local dealer not carry our seeds write us for prices and order direct. BE SURE YOU GET STEELE, BRIGGS' SEEDS.

SPECIAL BRANDS

The "Brands" or names under which we sell our various grades of Clovers and Timothy are private brands, which have been selected and adopted by the Steele, Briggs Seed Co., to better distinguish their different grades of quality, offered by them, and any use made of these "brands" or names by other Houses or dealers in seeds is unauthorized and forbidden.

CLOVERS and TIMOTHY SEEDS

"LION" BRAND REIGNS SUPREME



RED CLOVER

CLOVER SEEDING DIRECTIONS

The best plan is to sow alone without a nurse crop on well prepared clean land. It is, however, pretty safe to sow with a grain crop seeding a smaller quantity of grain than ordinarily. Probably the best nurse crops are Barley ($\frac{3}{4}$ of a bushel) and Oats (1 bushel) per acre. The nurse crop helps to keep down weeds and protects the young plants from wind and sun. The objection to this system is in a very dry season when what moisture there is, is used by the grain, leaving the small plants to perish. Barley and Oats growing light straw and maturing early reduce this liability to a minimum. It is not good to cut or pasture the crop the first season unless the growth is very rank, in which case set the mower as high as possible to trim off the tops, which usually results in the plants growing sturdier with better roots, desirable factors to withstand the first winter.

Steele, Briggs' "Lion" Brands protect you against Weeds, Weak Vitality and Impurities.

RED CLOVER This is regarded as the most valuable of the Clover family. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the spring or fall, and if no other grasses are used, at the rate of from 10 to 14 lbs. to the acre, according to quality of seed used and condition of the soil. "Lion" Brand, price, in small quantities, per lb., 25c.; postpaid, 30c. per lb. "Tiger" Brand, "Wolf" Brand.

MAMMOTH RED CLOVER This is largely for pastures and to restore fertility to depleted soils. Being a rank grower, it is very valuable for fertilizing purposes. The foliage, flower, and stem are darker in color than the Medium Red Clover. It ripens later, and makes only one crop. 10 to 12 lbs. of seed is sufficient to sow an acre on good soil. "Daisy" Brand.

soil. "Lion" Brand, price, in small quantities, lb., 25c.; postpaid, 30c. per lb. "Daisy" Brand.

ALSIKE CLOVER This is one of the hardiest varieties known. It is perennial and does not winter kill. It will do better on moist land than any other variety of clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red Clover and with Timothy, and the quality of hay thus produced is excellent. Sow 10 lbs. per acre. It is finer and more leafy than Medium Red Clover, although it does not grow so high. "Lion" Brand, price, in small quantities, lb., 25c.; postpaid, 30c. per lb. "Eagle" Brand, "Hawk" Brand.

WHITE CLOVER Sometimes known as Dutch Clover. This is a small, creeping perennial, valued in pasture mixtures and considered by many desirable for lawns. It is the hardiest of all clovers and adapts itself readily to all kinds of soil. It seems to endure summer heat better even than Blue Grass. It is not recommended to be sown alone, but is excellent for pasture mixtures, as it will not tramp out. It is of running, trailing growth, and serves to bind the soil together and prevents washing. Price, "Fancy," per lb., 55c.; 10 lbs., 52c. per lb., postpaid.

CLOVER — Crimson or Scarlet

An annual variety. The yield of fodder is great, and after cutting, it at once commences growing again and continues until destroyed by frost. It can be sown in April or May, and produces an abundant crop in fall for feeding green or for hay, and it is highly recommended as a soiling crop for plowing under. Sow 14 lbs. per acre, or even more on poorer lands. Fancy, per lb., in small quantities, 25c.; postpaid, 30c.

TIMOTHY (*Phelum pratense*). As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock especially horses. It yields more nutritive matter than any other grass or forage plant. It is, however, well adapted to early spring grazing as it starts up quickly in the spring, and in favorable fall weather can be pastured in the autumn as well. The largest crops of hay are raised on rich land. It is not suited for light, sandy soil so well as some other grasses. "Lion" Brand, "Martin" Brand, "Ermine" Brand. Price, in small quantities, lb., 20c.; postpaid, 25c.



A FIELD OF RED CLOVER

SEND FOR SAMPLES AND PRICES FOR COMPARISON WHEN READY TO BUY

ALFALFA OR LUCERNE

(*Medicago Sativa*)

Produces from 4 to 6 tons of Hay to the acre, the nearest to a balanced ration of any crop grown.

Sow Early in May or June, about 20 lbs. per acre.

ALFALFA is a leguminous plant just as are Peas, Beans and Clovers. It is a perennial and capable of living very many years under favorable conditions. Success may not be hoped for without a careful study of its requirements, but compliance with these is amply repaid by almost certain success and large returns.

FOR PASTURE Alfalfa has no equal among forage plants for palatability, grazing capacity per acre and food value, all classes of live stock soon learn to like it and thrive upon it. For dairy cows it cannot be surpassed. Sheep thrive upon it exceedingly. Swine are very fond of it and do well upon it as a sole feed. Horses eat it with avidity and improve in condition upon such pasture.

FOR ENSILAGE Mixed with corn it is exceedingly valuable.

FOR SOILING It is particularly valuable. It makes a very rapid, early spring growth and is usually ready to cut before any other green feed.

FOR HAY It has won fame and place in the United States. It has no equal as a dry feed for live stock and may be expected to produce from 5 to 6 tons of hay to the acre per annum.

FOR IMPROVING SOIL When the plants are well established they collect much nitrogen from the air and the roots penetrating to a great depth, the materials for humus and nitrification of the soil are stored in great abundance.

ELEMENTS OF SUCCESS

Right Strain of Seed. Soil Free from Weeds. Soil in Excellent Tilth. Soil Rich in Plant Food. Soil that contains Stored Water—as a Good Summer Fallow. Permeable, Well Drained Subsoil where the water level does not rise higher than 8 to 10 feet below the surface.

It will be a great day for Agriculture in Canada when the regions adapted to the growing of this plant are fully known, and its culture thoroughly understood and adopted by the farmers. One writer says: "Alfalfa (where it succeeds) is better than a bank account, for it never fails or goes into the hands of a receiver. It is weather-proof, for cold does not injure it, and heat makes it grow all the better. A winter flood will not drown it and a fire will not kill it. As a borer it is equal to an artesian well, it loves water and bores to reach it. Begin cutting a 20-acre field, when your last load is handled at one end of the field it is nearly ready to eat again at the other end. For filling a milk can, an alfalfa-fed cow is equal to a handy pump. Cattle love it, hogs fatten upon it, and a hungry horse wants nothing else. If your land will grow Alfalfa you have the drop on dry weather. Once started upon your land Alfalfa will stay by you like Canada thistles or a first-class mortgage, but only to make you wealthier and happier."

The soil should be rich with a porous sub-soil, and well drained, preferably summer fallow (see seeding instructions for Clovers). Alfalfa plants obtain a large supply of nitrogen from the air when the plants are well started, but while young and until they get a fair growth, it is necessary that the soil should be in fertile condition, otherwise, the plants will die out from lack of nourishment before bacteria have developed sufficient to collect nitrogen from the air and feed the young plants.

BE CAREFUL—GET HARDY SEED. Only the hardiest strains should be sown. We have been as careful as it is humanly possible to be. We pay the very highest prices to secure the genuine Strains and strongest vitality, and pure, clean and free from weeds as obtainable on earth.

Customers pay Freight or Express.

CAUTION—Sometimes Yellow Trefoil is mixed in with Alfalfa to cheapen the cost. Only an expert can detect it. Trefoil is worthless compared with Alfalfa. We exercise the greatest care and pay extreme prices to get the genuine Alfalfa pure and right.

There is only one variety of Alfalfa, known technically as *Medicago Sativa*, but the hardihood of the plant depends in a measure on where the seeds were produced.

Only the hardiest strains of Alfalfa should be sown. We offer to the grower the very hardiest strains known in the world. The following list is right:—

Alfalfa, "Lion" Brand, represents the very best quality obtainable seed known for the combination of the following valuable qualities: Purity, Germination, Cleanness and Appearance. Specially selected Northern grown seed stock. 10 lbs., \$1.90; 100 lbs., \$17.50; bags 25c. each, extra.

Alfalfa, "Turkestan," No. 1.	10 lbs., \$1.80; 100 lbs., \$16.50; bags 25c. each, extra.
Alfalfa, "Turkestan," No. 2.	10 lbs., \$1.60; 100 lbs., \$15.00; bags 25c. each, extra.
Alfalfa, "Northern Grown," No. 1.	10 lbs., \$1.90; 100 lbs., \$17.00; bags 25c. each, extra.
Alfalfa, "Northern Grown," No. 2.	10 lbs., \$1.60; 100 lbs., \$15.00; bags 25c. each, extra.

FLAX

Sow as soon as the danger from frost is past, and early enough to secure the early rains. A fair average quantity of seed to be sown on an acre is $\frac{1}{2}$ bushel when cultivating for seed, if for the fibres, a larger quantity should be sown. Cut before quite ripe. Flax, Extra Choice Screened, for seeding. Per lb., 15c.; 4 lbs., 50c., postpaid; per 100 lbs., \$3.75; bags 25c. each, extra.



ALFALFA, TWO YEARS' GROWTH, BEING PLOWED UNDER, SHOWING THE EXTENSIVE ROOT SYSTEM

Prices quoted are ex-warehouse Toronto or Hamilton and subject to market changes. Terms: Cash with orders; cotton bags 25c. each, extra

SPRING WHEAT "MARQUIS"



PHOTO OF A FIELD OF "MARQUIS" WHEAT

EARLINESS

Repeated Tests by the Government Farms, as well as private growers, prove "Marquis" to be from a week to ten days earlier than Red Fife.

QUALITY

It has been subjected to the most critical milling tests and repeatedly shown that it inherits the unexcelled quality of the parent, Red Fife.

PRODUCTIVENESS

"Marquis" has given many phenomenal yields, and it is settled beyond doubt that it can be depended upon to yield from 5 to 10 bushels more per acre than ordinary Red Fife under similar conditions.

MARQUIS WHEAT is a cross between Red Fife and an early hard red wheat from India called Hard Red Calcutta. Great credit is due to Dr. Wm. Saunders and Dr. Charles Saunders, father and son, the originators of this grand variety. The product of a single cross bred grain was grown for several years at the Central Experimental Farm, Ottawa, and selections were made from time to time. In 1903 the final selection was made and the name "Marquis" given to the product of a single plant. Compared with Red Fife the growing crop of Marquis cannot be distinguished from Fife except that Marquis does not as a rule grow as tall a plant, the straw being stiff and straight, of medium length—not so liable to lodge as Red Fife, although the heads of Marquis are proportionately heavier than Fife. The kernel is distinctly different, being thicker and more nearly round and usually of a darker color than Red Fife. A well developed and well saved sample is indeed very attractive. Bushel, \$2.00; bags 25c. each, extra.

OTHER STANDARD SORTS—Colorado, Wild Goose, Red Fife, White Fife, White Russian. Market Prices. Send for samples.

FIELD PEAS

Whether for fodder, in mixture with oats, sown at the rate of 2 bushels each per acre, or the peas sown alone at the rate of 3 bushels per acre for plowing under, there is no crop we can so strongly recommend for more extended culture. Like all leguminous crops, peas have the power of extracting nitrogen from the air, and the soil from which a crop has been harvested is richer in nitrogen than before the peas were sown upon it; and there is no live stock on the farm to which peas and oats in mixture cannot be fed with positive advantage.

Peas, Dwarf White Marrowfat. Hardy, strong and vigorous, broad, thick, leathery pods borne near the top of the vine. Lb., 15c.; 4 lbs., 50c., postpaid; bushel, \$2.75.

Black Eyed Marrowfat. While growing resembles closely the preceding, but the mature seeds have distinct black eye. Lb., 15c.; 4 lbs., 50c., postpaid; bushel, \$2.75.

Prussian Blue. A very popular variety, one of the heaviest yielding and best strawed peas known, very early. Lb., 15c.; 4 lbs., 50c., postpaid; bushel, \$2.50.

Canadian Beauty. A variety of white marrow, which, in

most sections, has given splendid results. The seed is large and of a bright color, straw strong but not coarse, and of good quality. Lb., 15c.; 4 lbs., 50c., postpaid; bushel, \$2.50.

Golden Vine. A standard sort, not much troubled by bugs. Lb., 15c.; 4 lbs., 50c., postpaid; bushel, \$2.25.

Cow Pea. A highly valuable fodder and fertilizing crop. The pods may be harvested for the grain, and the plants plowed under to fertilize the soil. The seed is ground, and used for cattle fodder; the stalks and leaves also make excellent fodder fed green. 3 lbs., 50c., postpaid; bushel, \$4.75.

STEELE, BRIGGS' SPECIAL

GRASS SEED MIXTURE

FOR HAY AND PERMANENT PASTURE

It Produces Wonderful Hay Crops and Luxuriant Pasture, Maintaining its Cropping Qualities for Years.

These mixtures are well balanced combinations of a number of native and acclimated foreign grasses and clovers, blended to suit varied conditions, soils and localities, our aim being to produce under the extremes of our climate, of heat, drought and cold, a permanent, dense and deep-rooting turf that would yield year after year the maximum quantity of hay, and afterwards to afford, if desired, a constant and abundant pasturage.

The yield of Hay under favorable conditions averages two tons and more per acre at the first cutting, then, if not pastured, the second cutting is usually about one-half the quantity of the first.

After the hay crop is cut, the grass commences to grow at once, recovering its verdure in a few days' time and affording a continuous pasturage even through dry summer weather, until winter sets in. The field should not be pastured the first season, until the roots are established, when the conditions for yielding hay or pasture the next season are improved, and so on year after year, and if properly laid down, it will maintain its heavy cropping qualities for many years if occasionally top dressed with manure, or suitable commercial fertilizer, and it will steadily improve.

The various kinds of grasses composing these Special Mixtures are fibrous, deep-rooting varieties that form a strong, matted sod, and are not susceptible to extremes of heat and drought, retaining their verdure even through dry, hot weather. These Special Mixtures will thrive under a great variety of soils and conditions, and in many instances give bountiful returns where Timothy can scarcely be grown.

The Initial Cost is More, but the ultimate returns are very profitable when the advantages are considered—including the permanency of a maintained yield.

The Seed Required. The poorer the soil the larger the quantity of seed required. Taking one soil with another we estimate a fair average would be 28 lbs. to the acre, and the thicker the seeds are sown, the sooner a fine, close turf will be obtained.

PRICES (purchaser paying carriage)—Permanent Pasture for One-Year Hay and Two-Year Pasture 28 lbs. per acre \$8.75
Permanent Pasture for Well Drained Soils 28 lbs. per acre 9.00
Permanent Pasture for Low-lying Fields 28 lbs. per acre 9.25

SELECTED EXTRA EARLY FLINT SEED CORN

These are the earliest varieties grown and are especially adapted to northern conditions. They make a rapid growth, mature quickly and under favorable conditions yield immensely. All are perfectly acclimated to our northern conditions, which mean cool nights and short summers.

SEEDING DIRECTIONS

The land for corn should be rich and in good condition. Corn is often planted on weedy ground and serves the triple purpose of cleaning the land, producing a heavy crop of feed and putting the ground in good condition for wheat the following season. If the land is to be spring-plowed, the plowing should be done early, and each day's plowing should be harrowed as soon as it is plowed. Harrow again, just before planting, even though no weeds are showing, as it helps to make a fine, warm seed bed. Planting should be done as early as possible after the soil is warm, and danger from frost is past. Sow 2 inches deep in drill 30 to 36 inches apart, using one-half bushel of seed per acre. Use grain drill, closing up some of the spouts. Have the seeds dropped 10 to 12 inches apart in the drills. To grow the crop nearer maturity it is generally best to plant in check rows 36 inches apart, dropping 4 or 5 kernels per hill. If planted with a hoe or hand planter, be sure to step on the hill after the seeds are covered, then draw a little loose earth over the footprint. Harrow with a light drag when the corn is just coming through the ground. Harrow again when the corn is 2 or 3 inches high. It is best to harrow in the middle of the day. Use the cultivator as often as necessary to keep the weeds down and the soil fine and loose on top. Cultivation should stop when the tassels begin to appear. Cultivate often, never deeper than 3 inches— $1\frac{1}{2}$ to 2 inches is better. A standard bushel of corn shelled is 56 lbs.

SEED CORN ON THE EAR

(72 lbs. per bushel)

From time to time we have received inquiries for Ear Corn from customers claiming that this was the only way in which they could be positive as to type. Our answer has always been that our seed corn has been brought to such a high degree of perfection as to render this unnecessary. We refer to scientific breeding, detasseling, harvesting and curing, and to our up-to-date methods of seed selection and testing. However, some of our customers wish it in this shape and we have secured a supply to meet their requirements.

LONGFELLOW, YELLOW FLINT

The plant is vigorous, well supplied with foliage and roots deeply, enabling it to withstand adverse conditions of weather. It produces a very large crop of fodder, which is much enhanced in value by a yield of very long ears, which sometimes reach near maturity. One of the best sorts for the West. (1 lb., 20c.; 4 lbs., 55c., postpaid); bushel, \$2.00; on cob, \$2.25 per bushel.

COMPTON'S EARLY YELLOW FLINT

Twelve-rowed, small kernels, compactly placed on the cob. Very extensively used for ensilage and for a grain-producing crop. It makes a rich, palatable food when cured as silage. Its extreme earliness adapts it to our Western country, where it's a favorite sort. (1 lb., 20c.; 4 lbs., 55c., postpaid); bushel, \$2.00; on cob, \$2.25 per bushel.

NORTH DAKOTA WHITE FLINT

The constitution of this corn is such as to resist extremes of weather to the last degree. It is a grand extra early white corn.

The stalk attains, under normal conditions, a height of 6 to 7 feet; the ears are about 3 feet from the ground, rendering it easily handled; the foliage is large, healthy, and makes unusually fine fodder; it is one of the very best varieties for that purpose. The crop is usually heavy, with a lot of ears well advanced towards maturity. (1 lb., 20c.; 4 lbs., 55c., postpaid); bushel, \$1.80; on cob, \$2.00 per bushel.

EARLY CANADA YELLOW FLINT

A good old reliable standard sort. Early, hardy and prolific, with fodder of good quality, it is eminently suited to Western Canada. (1 lb., 20c.; 4 lbs., 55c., postpaid); bushel, \$1.90.



SANDFORD'S EARLY WHITE FLINT

This standard variety is considered the best flint corn on the market. The ears are of unusual length, 12 to 15 inches, and handsome shape, flinty white color. Plants of sturdy, vigorous growth; leaves are very broad and succulent, and it is therefore of great value for fodder and ensilage, as well as for a grain crop. Stalks usually bear 2 or 3 long ears. (Lb., 25c.; 3 lbs., 60c., postpaid); by freight or express, bushel, \$1.75; on cob, \$2.00 per bushel.

"ANGEL OF MIDNIGHT" FLINT

An extra early Yellow Flint, 8-rowed variety. The ear is perfect in shape; length, 10 to 13 inches. Rows straight and even, and filled from tip to tip. Stalks are of medium size. Per bushel, \$1.85; on cob, \$2.10 per bushel.

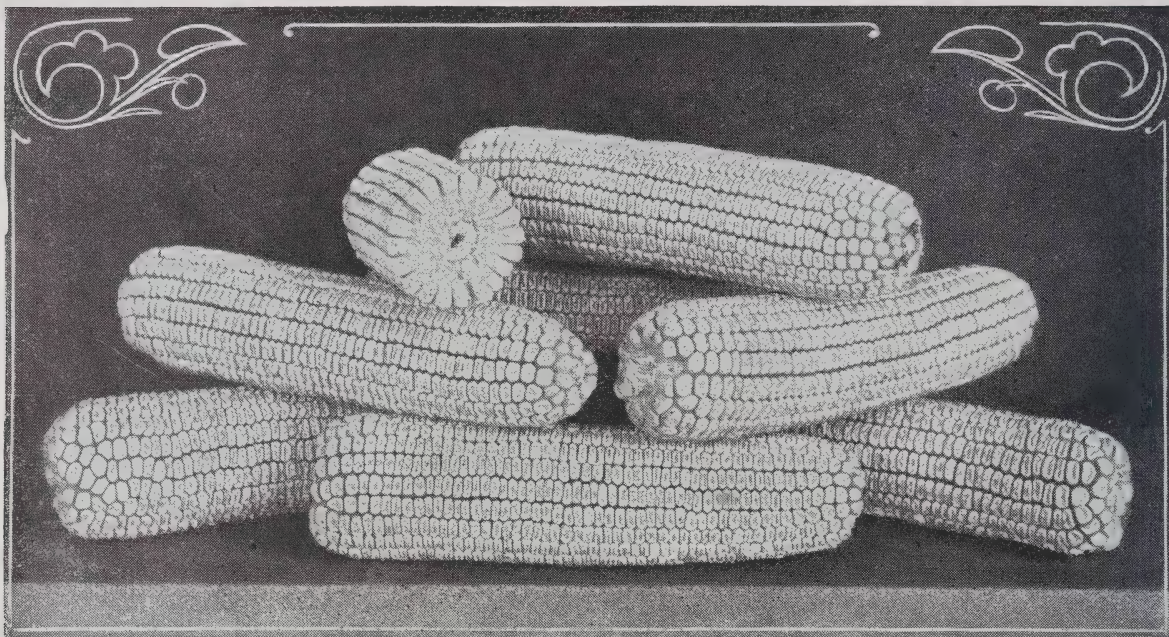
KING PHILIP

An extra early Red Flint, valuable for the north; matures in 90 days. A sure cropper on poor land; ears 8-rowed and from 9 to 12 inches long. One of the best and most reliable sorts. Bushel, \$2.00.

KAFFIR CORN

Grows from 5 to 6 feet high, making a straight, upright growth. The stems are stalky and very thickly clothed with wide leaves. The stalks keep brittle, tender and juicy, not hardening like many of the sorghums. Makes excellent fodder either green or dry, which is highly relished by cattle or horses. For fodder, sow $\frac{1}{2}$ to $\frac{3}{4}$ of a bushel per acre in drills. (Lb., 10c.; by mail, postpaid, 15c.; 10 lbs., 75c.; postpaid, \$1.25); 100 lbs., \$4.00, by express or freight at purchaser's expense.

Prices quoted are ex-warehouse, Toronto or Hamilton, and are subject to market changes. Bags, 25c. each, extra.



WISCONSIN WHITE DENT NO. 7.

CORN FOR FODDER AND ENSILAGE

For years we have been talking **FODDER CORN** to the farmers of Canada, but the dry seasons of the past few years aroused them fully to its great value. When other crops had failed, and the farmers were wondering what they would do for feed, many planted Fodder Corn, because it was too late to put in anything else. Now every one of them will put a liberal acreage into **Fodder Corn** because they have found it **one of the most profitable crops to grow, not a MAKESHIFT, but a NECESSITY.** We make a specialty of Fodder Corn, and you will find it to be of the highest quality.

NORTHWESTERN DENT CORN We were the first Canadian Seed House to place this variety before planters. It has been growing steadily in favor until now it is a leading favorite in Manitoba and Northern Ontario. It matures early. The stalks are from 5 to 7 feet tall, the ears from 6 to 9 inches long, and placed from 14 to 28 inches from the ground. The kernels have red sides and yellowish-white crowns, and the cobs are white. All the Experimental Stations in Canada as well as North Dakota, recommend this variety very highly. It produces a heavy crop of fodder of the best quality. It is one of the very earliest varieties, and the ears are placed well up on the stalks, making it capable of being cut and handled easily by the binder. It is a splendid variety, withstands drought well, roots one foot deep. (1 lb., 20c.; 4 lbs., 60c., postpaid); bushel, \$2.00.

Early Wisconsin White Dent No. 7. The stalks grow to an average height of 8 feet, and are thickly furnished with foliage close to the ground. The ears are large, with 16 to 20 rows of large, deep kernels, which are closely set on a small white cob. It occupies the same place among White Dent sorts that Compton's Early does in the Yellow.

In sections of Ontario, where other varieties of Dent Corn are almost an entire failure, immense crops of this handsome White Dent Corn are secured. Bushel, \$1.60.

Early Improved Leaming. A fine early Yellow Dent variety; ears of good size, cobs red and small, with large deep grains; a strong grower, and produces well on light and heavy land where other varieties of Yellow Dent will not thrive. While not ripening in all sections, the ears arrive at a firm dough state at time for cutting and make fine ensilage. Bushel, \$1.60.

Mammoth Cuban Yellow Dent. The heaviest ear-producing corn upon our list, and grows enormous crops of excellent fodder. Ears very large, grain yellow, dented, the average yield of ears being 3.51 tons per acre. Bushel, \$1.60.

Early Mastodon Yellow Dent. Among the heaviest producing varieties; grows quick, strong and vigorous; has broad, heavy leaves and large ears, with very large, deep grains. One of the best ensilage varieties; matures ears to a dough state when harvested. Bushel, \$1.60.

White Cap Yellow Dent. It is one of the largest cropping varieties upon the market; stands drought well; crops well on poor lands; ears large, handsome and well filled; the tips of the grain are white, the inside yellow, thus giving it a beautiful color. Bushel, \$1.60.

Giant Prolific Sweet Ensilage. As a green fodder, dried, cured or prepared as ensilage, it is in the highest favor throughout the Dominion. The stalks are sweet, juicy, tender, and covered with long, broad leaves. On strong soil will grow from 12 to 16 feet high. More fodder can be produced from an acre than from any other variety we have grown, and well cured, is equal to hay. As a green food for cutting in the latter part of the summer, one acre is worth eight acres of ordinary pasture. Bushel, \$1.45.

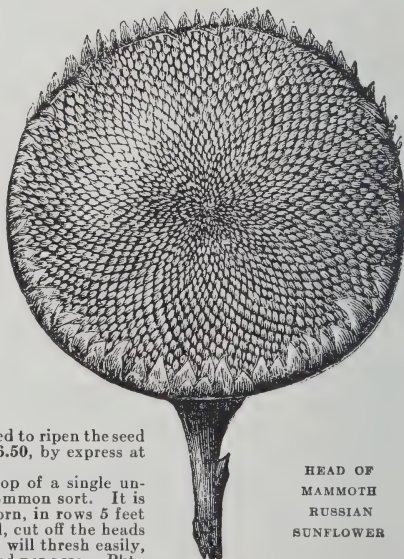
Red Cob Ensilage. An old favorite variety, yielding very large crops of excellent fodder. Ears large, cob small and red; grains large, deep and white, indented. A heavy yielder. Bushel, \$1.50.

BROOM CORN Improved Evergreen. This variety of Broom Corn is more largely grown in the Western States than any other. The brush is noted for its fine quality, good length and handsome appearance; cut before the seed is ripe, it is a beautiful pea-green color. Brush very fine and seldom gets crooked. It ripens early and yields heavy crops. 1 lb., 10c., by mail, 15c.; 10 lbs., 75c., by mail, postpaid, \$1.25; 100 lbs., \$5.50.

EARLY AMBER SUGAR CANE Well known in many parts of Canada. We have seen magnificent crops, and it should be more generally known, as it makes a valuable green-cutting crop, which is relished by all kinds of stock. Usually grows from 10 to 12 feet high, stands up well, produces small, tender, sweet and juicy stalks, well covered with leaves. When allowed to ripen the seed is valuable for poultry. 1 lb., 10c.; postpaid, 15c.; 10 lbs., 75c., postpaid, \$1.25; 100 lbs., \$6.50, by express at purchaser's expense.

SUNFLOWER Mammoth Russian. This variety has large heads, borne at the top of a single unbranched stem, and having much more and larger seed than the common sort. It is used extensively for feeding poultry. Sow the seed as soon as the ground is fit for planting corn, in rows 5 feet apart and 10 inches apart in the row. Cultivate same as corn. When the seed is ripe and hard, cut off the heads and pile loosely in a cool, dry place so that they can cure. After curing sufficiently so that they will thresh easily, flail out and clean with an ordinary fanning mill. This variety will yield 1,000 lbs. or more of seed per acre. Pkt., 5c.; ¼ lb., 10c.; 1 lb., 25c., postpaid; 100 lbs., \$7.00, by freight or express at purchaser's expense.

These prices are ex-warehouse, Toronto or Hamilton, and subject to market changes. Cash with orders. Cotton bags, 25c. each extra.

HEAD OF
MAMMOTH
RUSSIAN
SUNFLOWER

DWARF ESSEX RAPE

THE GREAT FORAGE PLANT FOR
CATTLE, SHEEP AND SWINE

It is an annual, bearing a close resemblance in leaf and stalk to the Ruta Baga, but both leaves and stalks are more numerous in the Rape Plant, and of a taller habit of growth. It is a pasture plant which may be eaten off by any kind of live stock, but is pre-eminently fitted to furnish pasture for sheep, cattle and swine. After being eaten down it will grow up again. As a forage plant it is most valuable—the feeding properties being remarkable.

A good crop will furnish at least 15 tons of green food and its nutritive value is nearly twice that of clover an acre. One acre of well-grown Rape will furnish pasture for 15 to 20 head of sheep for two months, and in that time will fatten them in good form for market.

Sow on Summer Fallow

Sow alone

Sow with Grain

IT PAYS

Rape may be sown at any season of the year, and usually in 6 to 8 weeks is from 10 to 18 ins. high. The seed is cheap. It is often sown as a special crop for hog pasture, and on many farms it is sown with the grain in the spring to furnish fall feed for cattle and sheep. Some recommend it highly to sow with corn between the rows, just before the last cultivation, thus giving a great quantity of fall feed at a small cost. We recommend using the Compton's Corn for this purpose, and when the corn is ready, turn in the hogs to do the "hogging off" of both corn and rape.

We pay high for our Seed to get the purest, cleanest and best. A cent or two per lb. does not exceed 10c. per acre for seeding, and it is worth many times this to know you have the best.

Our stock is the True Dwarf Essex Rape. 1 lb., 15c., postpaid, 20c.; by express or freight orders up to 10 lbs. at 11c. lb.; 25 lbs. and over at 10c. lb.; 100 lbs. at 9c. lb., customer paying freight.

NEW CABBAGE-LEAF RAPE

This grand new sort we can confidently recommend to our customers. It is a much heavier yielder than the ordinary sort, the foliage is broader and heavier, and the plant itself is much bushier. It is also of sweeter flavor, thus making it far superior for stock-feeding purposes. Cattle will not touch the other sort when they can get this.

SIBERIAN or RUSSIAN MILLET

The plant is of a larger growth than Common Millet, with a beard and chaff similar to Hungarian, but produces a plant of much ranker growth, with more leaves than any of the other varieties, leaves starting close to the ground and continuing up the stem to nearly the top. It matures about the same time as Common Millet, and it is claimed it will stand the drought better than the other varieties. Sow at the rate of half a bushel per acre. (Lb., 10c.; postpaid, 15c.; 5 lbs., 40c., postpaid, 60c.); per 100 lbs., \$4.50, by express.

German or Golden Millet. Grows 4 to 5 feet high, yielding an abundance of leaves; heads closely condensed; spikes numerous; seeds, round golden yellow, in rough sheaths. Sow 30 lbs. to the acre. (Lb., 10c.; by mail, 15c.; 4 lbs., 50c., postpaid); per 100 lbs., \$4.50, by express or freight at purchaser's expense.

Hungarian Millet. No other variety is so well known and so much grown for hay as the Hungarian Millet. It does not grow as coarse as many other Millet varieties, but still yields quite heavily, two to four tons of hay per acre being an ordinary crop. The hay is quite leafy, of the very best quality, and is greedily eaten by all kinds of stock. (1 lb., 15c.; 4 lbs., 50c., postpaid); 100 lbs., \$3.50.

Common Millet. No Millet does better on light and dry soil than this; it grows 2½ to 4 feet high, is early with a bulk of fine stalks and leaves, tender and juicy, and is excellent for hay. (1 lb., 15c.; 4 lbs., 50c., postpaid); 100 lbs., \$4.00.

2 to 4 lbs. per acre in
drills; 5 to 6 lbs.
broadcast.



Animals are very
fond of it.

Hogs pasturing on
Dwarf Essex Rape



SHEEP IN RAPE

JAPANESE MILLET

It has yielded over six tons of dry straw and 80 bushels of seed per acre. The plant attains an average height of six feet, short jointed, and at every joint there is put forth an immense number of long, thick fleshy leaves. The seed constitutes an excellent food for hens. When cured as hay, chopped, moistened and sprinkled with meal, it is readily eaten by cattle and horses. Sow in drills 15 inches apart with 8 lbs., or broadcast, 12 to 15 lbs. per acre. (Pkt., 5c.; lb., 12c.; by mail, 17c.; 6 lbs., 50c., by mail, postpaid, 70c.); 100 lbs., \$7.00, by express or freight at purchaser's expense.

SAND or HAIRY VETCH

Yields Wondrous Crops in Good Land

SAND VETCH—Can be sown in April and will be ready to cut by the middle of July, the second growth affording excellent pasture during the summer. The yield of green foliage varies from 10 to 15 tons per acre, equal to 3 or 4 tons when cured as dry hay. Can also be sown in spring with oats or barley. It is exceedingly nutritious, and may be fed with safety to all kinds of stock. Will also prove valuable for hay crop in dry seasons. To the acre sow 60 to 75 lbs. (Lb., 20c., postpaid, 25c.); 10 lbs., \$1.50; 100 lbs., \$12.50, by freight or express at purchaser's expense.

COMMON VETCHES OR BLACK TARES

A splendid forage crop either sown alone or with oats. As a pasture for hogs it ranks high. After this crop the ground is left rich like a garden. Alone sow 1½ bushels per acre. (1 lb., 17c.; 4 lbs., 60c., postpaid); bushel, \$2.75, by freight or express.

Tree, Hedge and Fruit Seeds

Culture. Sow early in spring, in well-prepared beds, about two inches deep. When the seeds begin to germinate cover the beds lightly with pine boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced before winter sets in. Let plants remain in beds for about two years, then transplant into rows $\frac{1}{2}$ foot apart, leaving about six inches between each plant. Keep ground clear, and when plants are strong enough, remove to their intended places.

Arbor Vitæ American (*Thuja Occidentalis*). A small tree about 30 feet high; popular for hedges, screens, etc. Pkt., 10c; oz., 35c; lb., \$3.50.

Apple Pips. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

Mountain Ash. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Barberry (*Berberis Vulgaris*). One of the best hedge plants grown. Very hardy, and forms a dense shrub of from 4 to 8 ft. high, covered with sharp prickles. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Blackthorn (*Rhamnus Catharticus*). Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

White Thorn. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Catalpa (*Catalpa Speciosa*). A native of the Southwestern States. Rapid grower; showy and handsome. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.65.

Maple, Manitoba Soft. Quick-growing, not tall-growing; an excellent windbreak. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Honey Locust (*Gleditsia*). Of ornamental and graceful appearance, extensively used for hedges. Pkt., 5c; oz., 10c; lb., 50c.

Maple, Sugar (*Acer Saccharinum*). A beautiful, valuable, rapid-growing tree. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Norway Spruce (*Abies Excelsa*). A very popular hedge evergreen; extensively used for sheltering and screens. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Pear Pips. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Plum Stones. Pkt., 5c; oz., 10c; lb., 35c.

Osage Orange (*Maclura Aurantiaca*). A well-known hedge plant. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Pine, Austrian (*Pinus Austriaca*). One of the most popular Pines; hardy and ornamental; grows very rapidly and to a great height. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Pine, Scotch (*Pinus Sylvestris*). One of the most rapid-growing species of Pines, very suitable for screens for the protection of orchards or buildings. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Quince (*Cydonia Vulgaris*). Small irregular trees, bearing an excellent fruit for preserves and jellies; clean seed pips. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

WILD RICE (*Zizania*). As an attraction for wild fowl it is invaluable. In fish ponds and lakes it purifies the water and affords a refuge to the small fry from the large fish, and also furnishes them with food from the animalculæ on the stalks. The seed should be sown in six inches to six feet of water, having a soft mud bottom and where there are but few weeds. It commences to sprout as soon as the water gets warm, and grows rapidly, ripening late in August or September. Lb., 25c; by mail, 30c; 10 lbs. or over, 22c. per lb.; postpaid, 27c. per lb.

Agricultural Grasses

BROMUS INERMIS

This has proved to be one of the best grasses of any yet tried. From Northern Ontario to the Western Coast it has stood the rigor of the winter, has yielded from 3 to 4 tons of hay per acre. Comes early into growth, thrives well in loose soil, and forms a close sward; produces a heavy aftermath of succulent leafy shoots. Where a permanent hay is desired, *Bromus Inermis* will fill the bill. Sow 25 lbs. per acre. Lb., 20c; by mail, postpaid, 25c; 10 lbs., \$1.90; by mail, \$2.50. Special prices on application for large quantities.

Canadian Blue Grass (*Poa Compressa*). Somewhat like Kentucky, and as price is lower than above, may be used as a substitute. The hay, although short, is very heavy and rich. Lb., 20c; postpaid, 25c; 10 lb. lots, 18c; postpaid, 23c.

Crested Dogtail (*Cynosurus Cristatus*). May be advantageously sown on lawns kept under scythe; forms a close turf, remaining green a long time; valuable for sheep pastures, succeeds on dry, hard and gravelly soil. Height, 1 to $1\frac{1}{4}$ ft. Sow 25 lbs. per acre. Lb., 45c; postpaid, 50c.

Creeping Bent Grass (*Agrostis Stolonifera*). An excellent variety for pastures when mixed with other grasses. Succeeds well in moist situations and thrives in moist land. Sow 40 lbs. per acre. Lb., 45c; postpaid, 50c.

Evergreen Meadow Grass (*Poa Semperverens*). Noted for perpetual greenness, earliness in spring and the rapidity with which it produces leaves after being eaten or cut. Its thick growth, fineness of foliage and capability of growing under shade of trees, renders it a most desirable grass for lawns, parks or pastures. Sow 40 lbs. per acre. Lb., 60c; postpaid, 65c.

Hard Fescue (*Festuca Derincula*). Thrives in a great variety of soils. One of the best grasses for general purposes, and resists the effects of drought well. It grows easily, the foliage is fine and nutritive. Height, $1\frac{1}{2}$ feet. Sow 30 lbs. per acre. Lb., 45c; postpaid, 50c.

Italian Rye Grass (*Lolium Italicum*). One of the best. Yields crop first season, then disappears as it will not stand our winter frosts. Sow 40 lbs. per acre. Lb., 20c; postpaid, 25c.

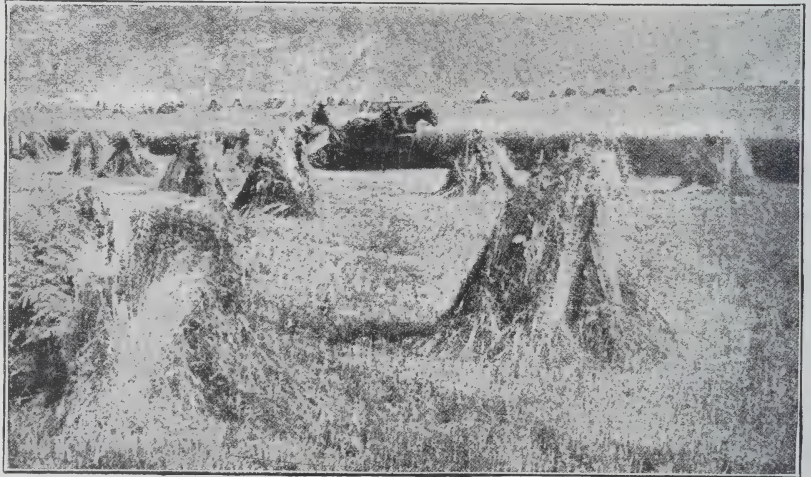
True Kentucky Blue Grass (*Poa Pratensis*). Also known as "Green Grass," "June Grass," etc.; does best in rich land, but will thrive in dry and somewhat shady locations; it stands the hottest summers. Sow 40 lbs. per acre. Lb., 25c; postpaid, 30c.

Meadow Fescue or Sweet Grass (*Festuca Pratensis*). One of the most valuable grasses we have, thriving in almost all soils and is used in all good mixtures. Makes excellent hay. Height, from 2 to 3 feet. Sow 40 lbs. per acre. Lb., 40c; postpaid, 45c.

Meadow Foxtail (*Alopecurus Pratensis*). A favorite grass in England, both for meadows and pasture. It grows early and abundantly, and gives a large quantity of aftermath. It is best suited to a moist soil—bog, clay or loam. Sow 30 lbs. per acre. Lb., 65c; postpaid, 70c.

Orchard Grass or Cocksfoot (*Dactylis Glomerata*). One of the most valuable grasses. Its rapidity of growth and its power of enduring the cropping of cattle commend it highly as a pasture grass. Sow 28 lbs. per acre. Lb., 25c; postpaid, 30c.

Perennial Rye Grass (English) (*Lolium Perenne*). Suitable to a great variety of soils, yields an abundance of foliage, valuable for hay for which purpose it requires cutting when in bloom. Stands Canadian climate two seasons. 48 lbs. per acre. Lb., 20c; postpaid, 25c.



CUTTING BROME GRASS FOR SEED AND HAY IN WESTERN CANADA

Red or Creeping Fescue (*Festuca Rubra*). Forms a close, rich sod and is valuable in lawns. Lb., 45c; postpaid, 50c.

Red Top (*Agrostis Vulgaris*). Thrives best on low ground where it cuts a good crop of hay of fine quality. Suitable for low pastures. Sow 28 lbs. per acre. Lb., 35c; postpaid, 40c.

Sheep Fescue (*Festuca Ovina*). Grows naturally on light, dry and sandy soils, smaller than the other Fescues but from being very nutritious it should always enter into the composition of sheep pastures, as sheep are very fond of it. Sow 30 lbs. per acre. Lb., 40c; postpaid, 45c.

Tall Meadow Fescue (*Festuca Elatior*). Very early, nutritive and productive. Should form a portion of all pastures on wet or clay soils. Lb., 40c; postpaid, 45c.

Tall Meadow Oat Grass (*Avena Elatior*). This grass will be found useful for sowing mixtures upon lands when a coarse herbage is required, or on inferior soils. It is early, productive, and makes good hay when cut early. Well adapted for dry soils. Sow 36 lbs. per acre. Lb., 40c; postpaid, 45c.

Various Leaved Fescue (*Festuca Heterophylla*). Valuable for permanent pasture and is also desirable in lawn mixtures. Lb., 60c; postpaid, 65c.

Wood Meadow Grass (*Poa Nemoralis*). There is no grass better adapted for pleasure grounds, particularly under trees, as it will only grow in such places, but succeeds where few other grasses can exist. Very early, of a bright rich green. Sow 25 lbs. per acre. Lb., 60c; postpaid, 65c.



FLOWER SEEDS.

COMPLETE GENERAL LIST

For the convenience of customers when ordering, we use a system of numbering, and only the number corresponding to the variety desired need be given with the price, thus saving the necessity of writing hard names.

PREMIUMS On Packets and Ounces of all our seeds, except those costing \$1.00 per ounce and over, such as Cauliflower, etc.					
Customers sending.....	\$1.00	\$2.00	\$3.00	\$4.00	\$5.00
May select extra seeds to value of.....	.25	.50	.75	1.00	1.25

THESE PREMIUMS only apply to orders for flower and vegetable seeds in packets or ounces, and do not include seeds by weight ($\frac{1}{4}$ lbs. and over), collections, bulbs, plants or sundries, nor can it be applied to orders sent at different times during the season.

ABUTILON (FLOWERING MAPLE)

- 1 Abutilon, Prize Mixed. Embracing the most elegant colors, both selfs, streaked and veined..... 10c.
- 2 ABRONIA UMBELLATA. Charming annual trailers for vases, rockwork, etc., succeeding well in the garden border; bearing large trusses of fragrant rosy-pink flowers. *Half-hardy annual*..... 5c.

AGROSTEMMA (JOVE'S FLOWER)

- 3 Agrostemmas are free bloomers, make attractive beds, and are useful for cutting; color deep rose, fringed, 1 foot. *Hardy annual*..... 5c.

ACROCLINIUM (EVERLASTING)

One of the best, producing a great number of beautiful rose-pink and white flowers with yellow centre. *Half-hardy annual*.

- 4 Acroclinium Album, white..... 5c.
- 5 —Roseum, bright rose..... 5c.
- 6 —Mixed, fine colors..... 5c.

ADONIS

The dark green foliage is finely cut and very pretty; the flowers are brilliant, remaining for a long time in bloom. *Hardy annual*.

- 7 Adonis Aestivus (Flos Adonis), deep crimson, 1 foot..... 5c.
- 8 —Autumnalis (Pheasant's Eye), intense blood-red with black centre, 1 foot..... 5c.

AGERATUM Valuable for bedding plants or for cut flowers, free bloomers and of long duration. *Half-hardy annual*.

- 9 Ageratum Mexicanum, blue, $1\frac{1}{2}$ feet..... 5c.
- 10 —Mexicanum Album, white, $1\frac{1}{2}$ feet..... 5c.
- 11 —Imperial, dwarf, blue, $\frac{1}{2}$ foot..... 5c.
- 12 —Imperial, dwarf, white, $\frac{1}{2}$ foot..... 5c.
- 13 —"Little Dorrit." Habit very dwarf and compact. Pkt..... 10c.

ALYSSUM

Very hardy, free-blooming dwarf plants, growing readily in common garden soil.

- 14 Alyssum, Tom Thumb. Very fragrant and about 5 inches in height. Per oz., 40c.; pkt..... 5c.
- 15 —Sweet. Flowers small and sweet, in clusters; 1 foot. 1 oz., 30c.; pkt..... 5c.
- 16 —Little Dorritt. Forms perfect little bushes about 3 inches high..... 10c.

AMARANTHUS

The Amaranthus family embraces numerous plants, valuable for the beauty of their foliage; many of the varieties have handsomely formed and highly colored leaves. *Half-hardy annuals*.

- 17 Amaranthus "Henderi." Foliage is very attractive, beautifully striped rose-yellow and olive green..... 10c.

- 18 —Splendens, or Rainbow Plant, grows upright. The inner foliage is of a dark, blackish bronze, tipped with green, while the color of the outer foliage is of a bright scarlet and gold..... 10c.

- 19 —Caudatus (Love Lies Bleeding), 3 feet..... 5c.

- 20 —Tricolor (Joseph's Coat), leaves scarlet, yellow and green, $1\frac{1}{2}$ feet..... 5c.

- 21 —Sunrise. The top of plant brilliant crimson, lower leaves dark maroon..... 10c.



How to
Grow
Flower
Seeds
sent
"Free"
with
every
Order



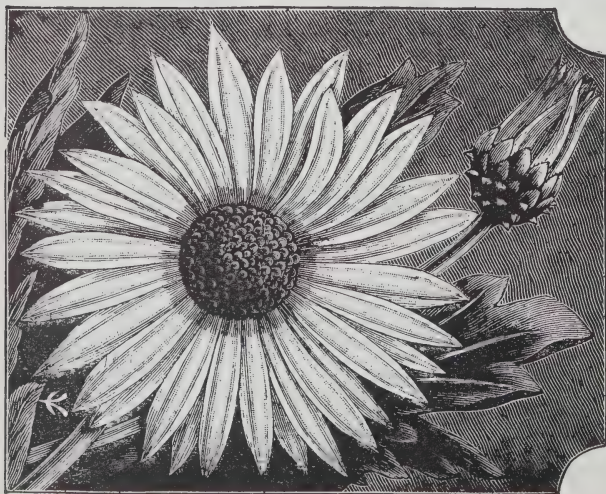
AMARANTHUS SUNRISE



DWARF BLUE AGERATUM



AGATHEA (MARGUERITE)



ARCTOTIS GRANDIS—THE AFRICAN LILAC DAISY

AGATHEA (BLUE MARGUERITE)

The flowers are the very counterpart of the Paris Daisy, except color, which is a sky-blue with a yellow disk; it is of easy growth and produces flowers all the year; 2 feet. *Hardy annual.*

22 *Agathea Coelestis* (Blue Marguerite); celestial blue.....10c.

ANCHUSA CAPENSIS

A hardy annual of more than ordinary beauty. It grows about two feet high, branching freely and bearing a profusion of the most lovely flowers, similar in all respects to the Forget-me-not, though the blooms are much larger and of finer color. Its color is a deep, clear, brilliant blue, with a pure white eye; one of the rarest and most lovely shades of blue. It blooms early and continues all summer.

23 *Anchusa Capensis*, large flowering.....10c.

ALONSOA

Very pretty, bright little annuals of fine habit. Sow in slight heat and plant out early in May; easily grown; height 1½ feet.

24 *Alonsoa, Grandiflora*, finest mixed choice varieties..... 5c.

ANAGALIS

Lovely dwarf plants, very effective as edgings, beautiful as pot plants, and valuable for rock work. *Half-hardy annual.*

25 *Anagalis*, finest mixed..... 5c.

ARCTOTIS GRANDIS (AFRICAN LILAC DAISY)

26 A handsome new annual from Africa. Its flower heads, borne on long stems, are large and showy, 3 ins. across; pure white on the upper surface, reverse of petals pale lilac. Per pkt.....10c.

ASPARAGUS

27 *Asparagus Sprengeri*. For greenhouses or for outdoors in summer. The fronds frequently grow 4 feet long and are considered indispensable in all fine decorations; grows readily from seed sown in hotbed.....10c.

28 —*Plumosus Nanus*. A greenhouse perennial climber, with exquisitely graceful and feathery lace-like foliage; extensively grown by florists for cutting.....25c.

ASPERULA

A most profuse bloomer, and of dwarf habit. The flowers are very sweet-scented, and last a long time in perfection; for making up small bouquets it is all that can be desired. *Hardy annual.*

29 *Asperula Azurea Setosa*. Light blue. 1 foot..... 5c.

AURICULA

A dwarf-growing plant bearing umbels of fragrant flowers of many rich and beautiful colors. A great favorite in Britain, where flower shows are held of this plant alone. *Hardy perennial.* 1 to 2 feet.

30 *Auricula*, extra choice mixed, from a prize collection.....25c.

SINGLE ELEGANCE or MARGUERITE ASTER

31 The best single Aster. The plants are strong and vigorous and of handsome pyramidal habit, very free blooming, and produce their beautiful flowers on long slender stems. The flowers are from 2 to 3 inches in diameter, with small yellow centres, and last for a week when cut. The petals are broad and wavy, reminding one of the single Japanese Chrysanthemums. Sow the seed early and they will bloom profusely during the entire fall, and make plants that will bear hundreds of flowers year after year. The flowers are bright and very beautiful; many are deep blue with yellow centre. This is a very superior mixture, and contains at least 50 different kinds. Packet.....10c.

Leading merchants all over Canada sell our seeds. Patronize your local dealer when you can. If he hasn't got what you want, send to us direct.



NEW ASTER—"ELEGANCE"



QUEEN OF THE MARKET ASTERS

Earliest of all by nearly three weeks. Plants are dwarf and very branching, blooming very freely; double flowers borne on long stems rendering them of exceptional value for cutting.

- | | | | |
|---|------|------------------|------|
| 37 Aster, White | 10c. | 39 —Purple..... | 10c. |
| 38 —Rose..... | 10c. | 40 —Crimson..... | 10c. |
| 41 —Mixed Colors, from Named Sorts.....10c. | | | |



Our Superb Asters

The Seed we offer has been saved from the very best Double Flowers only.

ASTER—KATE LOCK

Unsurpassed as Cut Flowers for Vases and Home Decorations, Producing Long Stemmed Flowers of Immense Size and Graceful Form.

We take pleasure in introducing to our customers this latest achievement in Branching Asters. It is a superior type in every way; the plants are of very healthy, robust, branching growth, about 4½ feet high, and, when well grown, will attain even greater height, producing on long stems massive chrysanthemum-like flowers of perfect form and faultless outline, exceedingly double right to the centre. The flowers are the most beautifully formed of any large flowered Asters we know of. The petals are thick, of durable substance, and, in consequence, the flowers last long in perfection. The magnificent and massive flowers are gracefully poised on strong, well-leaved stems, 2 to 2½ feet long, closely resembling good-sized chrysanthemums, and being unsurpassed for vase decorations.

32 Aster, Kate Lock, White.....10c.

33 —Kate Lock Enchantress, Pink.....10c.

34 —Kate Lock Canadian Beauty, Rose Pink.....15c.

GIANT CREGO ASTER

By the most careful and painstaking selection, the introducer has, we believe, brought this beautiful Aster to a state of perfection hitherto unknown in this type; of free, sturdy growth, attaining a height of over 2 ft., well branched, with long, strong stems and artistic, fluffy, graceful flowers, rarely less than 4 inches across and frequently over 5 inches,

as fine as any chrysanthemum, and when cut keep longer in good condition than any Aster of this type; in bloom from mid-August on through September.

35—Crego, pure glistening white.....10c.

36—Crego, Soft Shell, pink 10c.



ALL OUR SEEDS ARE TESTED BOTH FOR PURITY AND GERMINATION.

EXPRESS COMET ASTERS

SEMPLER'S BRANCHING ASTERS

The plants form strong, robust bushes about 2 feet high, bearing profusely on long, strong stems, handsome chrysanthemum-like flowers, many being over 6 inches in diameter. The form of the flowers makes them particularly desirable as cut flowers. They flower from two to three weeks later than most sorts.

- | | | | |
|--|------|---|------|
| 42 Aster, Semple's Branching, White..... | 10c. | 47 —Semple's Early Branching, pink. A seedling from Semple's Pink blooming ten days earlier. Pkt..... | 15c. |
| 43 —Deep Crimson..... | 10c. | | |
| 44 —Shell Pink..... | 10c. | | |
| 45 —Lavender Blue..... | 10c. | | |
| 46 —Purple..... | 10c. | 48 —All Colors, mixed..... | 10c. |

GIANT COMET ASTERS

These very beautiful Asters have flowers of immense size, often 6 inches across, composed of long, wavy and twisted petals, formed into a loose yet dense half globe, resembling the Japanese Chrysanthemum.

- | | | | |
|---------------------------------------|------|---|------|
| 49 Aster, New Giant Rose..... | 10c. | 56 —"Rose Crown" Comet. The centre crown of the flower is pure white, surrounded by outer rows of petals of a charming rose pink color..... | 10c. |
| 50 —New White Giant..... | 10c. | | |
| 51 —Crimson Giant..... | 10c. | | |
| 52 —Light Blue Giant..... | 10c. | 57 —Giant Comet, mixed colors..... | 10c. |
| 53 —Giant, sulphur yellow..... | 10c. | 58 —New Express Comet, white..... | 10c. |
| 54 —The Bride, white..... | 10c. | 59 —New Express Comet, pink..... | 10c. |
| 55 —Giant Purple Comet..... | 10c. | | |
| 60 —Express Comet, dark blue.....10c. | | | |



NEW GIANT ROSE

FLOWERED ASTER

GIANT ROSE FLOWERED ASTER

These Asters are the latest and highest achievements in Asters, a superior race in every way. The plants are of very healthy, robust, branching growth, about two feet high, producing, on long stems, massive Peony-formed flowers of perfect form and faultless outline, and exceedingly double to the very centre like a rose. The flowers are the most beautifully formed of all large Asters. The petals are of thick durable substance, and, in consequence, the flowers last long in perfection. These Asters are wonderfully prolific and continuous bloomers from summer until checked by frost. When grown in masses in garden borders, or grouped in beds, their decorative effect is unapproachably gay and enlivening. When well grown the flowers average $3\frac{1}{2}$ inches across; 4-inch flowers are quite common, and if grown especially for cut flowers, the side branches pruned, allowing a plant to carry not over 6 or 8 flowers, one flower to a stem, their size will then be enormous, measuring $4\frac{1}{2}$ and 5 inches across. These magnificent blossoms being gracefully poised on strong, well-leaved stems 15 to 18 inches long, resemble good-sized chrysanthemums, and are unsurpassed as cut flowers for vases and home decoration.

61 Asters, Giant Rose Flowered, White.....	10c.
62 — “ “ “ “ Pink.....	10c.
63 — “ “ “ “ Scarlet.....	10c.
64 — “ “ “ “ Dark Blue.....	10c.
65 — “ “ “ “ Mixed Colors.....	10c.

IMPROVED VICTORIA ASTERS

Magnificent flowers, massive and showy, with regular overlapping petals double clear to the centre. The flowers measure 4 to 5 inches across, and the colors include many extremely delicate and some gorgeous shades. The plants grow very evenly, about 18 inches high, and carry from 25 to 40 flowers on a plant. Perhaps the handsomest Asters, taken all in all, for size, color and profusion of bloom. (See 'cut.')

66 Asters, Improved Victoria, pure white.....	10c.
67 — White Tinted Pink... ..	10c.
68 — Peach Blossom.....	10c.
69 — Light Blue.....	10c.
70 — Crimson.....	10c.
71 — Dark Blue.....	10c.
72 — Fiery Scarlet.....	10c.
73 — Rose.....	10c.
74 — Purplish Violet.....	10c.
75 — Many Colors, finest mixed.....	10c.

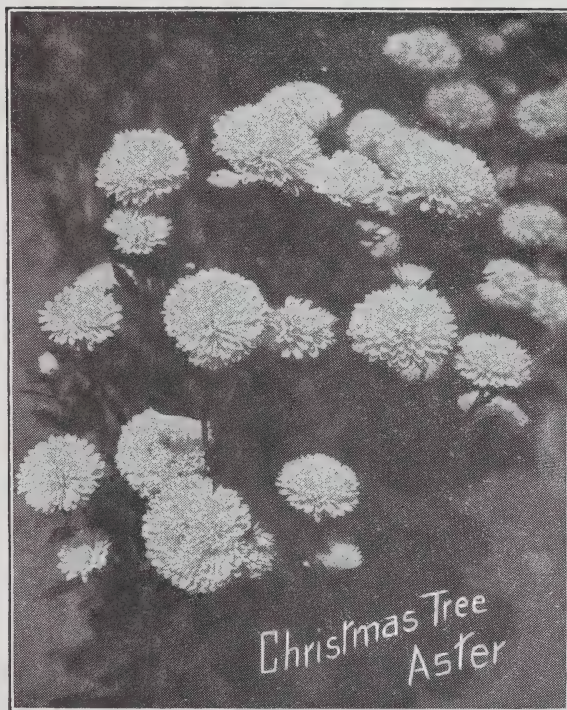
Collection of 9 Separate Colors.....45c.

TRUFFAUT'S PÆONY-FLOWERED PERFECTION ASTERS

Large and remarkably fine flowers, with long, beautifully incurved petals resembling those of the Pæony. Stems are long, stiff and nearly upright, making it splendid for cutting. One of the finest Asters cultivated; grows 2 feet high.

76 Asters, Perfection, white 10c.	81 — Dark Blue..... 10c.
77 — Brilliant Rose..... 10c.	82 — Brilliant Scarlet..... 10c.
78 — Crimson Ball..... 10c.	83 — Giant Rose, flowers borne on long stems... 10c.
79 — Gravelotte, blood-red. 10c.	84 — Mixed Colors, extra choice..... 10c.
80 — Light Blue..... 10c.	

Collection of 8 Separate Colors.....40c.



Christmas Tree Aster

DWARF CHRYSANTHEMUM-FLOWERED ASTERS

Of very compact growth, flowers from 3 to 4 inches in diameter and very abundant. Later than other varieties, therefore valuable for succession; 1 foot.

85 Asters, Snow White.....	10c.	87 — Bright Purple.....	10c.
86 — Brilliant Rose.....	10c.	88 — Light Blue.....	10c.
89 — Many Colors, choice mixed.....	10c.		

“CHRISTMAS TREE” ASTER

90 By far the most free-flowering class of Asters yet introduced, and quite different in habit from all the other varieties of Asters. The plant grows about 15 inches in height, branching out freely and regularly, not upright like other Asters, but horizontal; the lower branches are the longest and measure from tip to tip 20 to 24 inches; its form of growth resembles a Christmas Tree, which suggested its name. The flowers are of medium size, $1\frac{1}{2}$ to 2 inches in diameter, perfectly double and finely imbricated. As many as 60 and 75, even more, flowers have been counted on a single plant. It is highly recommended as the very best to grow for cut bloom. In mixed colors containing white, rose, light blue and white, rose and white, light blue and carmine. Price, per pkt.....10c.

VARIOUS ASTERS

91 Asters, New Crown or Cocardeau. Many colors, mixed.....	10c.
92 — Betteridge's Improved Quilled. Perfectly double, large showy Aster; flowers somewhat stiff in appearance; $1\frac{1}{2}$ feet; mixed.....	5c.
93 — Purity. Plants compact, flowers glistening pure white.....	10c.
94 — Daybreak. The flowers are borne upright on stiff, long stems, rosy shell pink.....	10c.

IT
PAYS
TO
SOW
THE
BEST
SEEDS





BALSAM (LADY'S SLIPPER)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant colored double flowers in greatest profusion; of easy culture; succeeds in good rich soil. *Tender annual.*

- 95 Balsam "La Malmaison." Magnificent, large double bluish pink flowers, with a satiny sheen in the sunlight. . . 10c.
- 96 — "Queen's White." Comes uniformly double, very white and exceedingly firm, with a slight pink tinge on the back. . . 10c.
- 97 — "Maiden's Blush." A very charming and delicate shade of rosy pink, several shades lighter than Apple Blossom. . . 10c.
- 98 — Apple Blossom. Large double, deep rosy pink shade. . . 10c.
- 99 — Scarlet Spotted. These are very fine. . . 10c.
- 100 — Rose Flowered. Double, choicest mixed. . . 5c.
- 101 — Camellia Flowered. Double, choicest mixed. . . 10c.
- 102 — Invincible Mixture. Embracing all shades and colors. . . 15c.

GIANT BROWALLIA

- 103 This new sort is without doubt the most beautiful of all the Browallias. The plant grows only about a foot high and forms dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers much larger than those of the ordinary varieties. For beds, borders, or pots, few other plants compare with it. Pkt. . . 10c.

BALLOON VINE

- 104 A rapid growing climber; thrives in light soil. One of the prettiest climbers. Oz., 20c.; pkt. . . 5c.

BRACHYCOME

The Brachycome or Swan River Daisy is a charming flower; is offered in white and blue varieties, the blue being the original color; fine for cutting. *Hardy annual.*

- 105 Brachycome Iberidifolia (Swan River Daisy), blue and white mixed. . . 5c.

BARTONIA (BARTONIA AUREA)

- 106 California Golden Bartonia. This bright and showy annual grows about a foot high and bears beautiful golden blossoms all summer. . . 5c.

ORNAMENTAL BEETS

Among the most effective bedding plants. Planted in a bed together 1 foot apart each way, they are grand. One great feature is the fact that the frost does not kill them, but only colors their leaves all the brighter, and until they are covered with snow they are objects of great beauty.

- | | |
|-----------------------------|---|
| 107 Beet, Scarlet. . . 10c. | 110 — Silver. . . 10c. |
| 108 — Yellow. . . 10c. | 111 — Dracaena leaved, dark red lustrous leaves. . . 10c. |
| 109 — Crimson. . . 10c. | 112 — Mixed Colors. . . 10c. |
- Collection, 5 Varieties, Ornamental Beets for . . . 25c.

BEGONIA

Magnificent flowering plants for greenhouse culture. The "tuberous-rooted" varieties are becoming deservedly popular for garden bedding, flowering in the greatest profusion all summer. The individual florets will average from 6 to 8 inches in circumference, and are of all colors. 1 foot.

- 113 Begonia Vernon. Grand variety. . . 15c.
- 114 — New Crested. A most novel and interesting variety, having a raised crest in centre of each petal. The flowers are large and of red, white, pink, yellow and terra-cotta color. . . 25c.
- 115 — Tuberous-rooted. Single mixed, from a prize collection. . . 15c.
- 116 — Tuberous rooted. Double mixed. . . 25c.
- 117 — Rex. Large ornamental leaves of dark green, bronze, red, etc. . . 25c.

CALENDULA The old "Pot Marigold" has been greatly improved. The "Oriole" and "Trianon" are of remarkable beauty deserving a place in every garden.

- 118 Calendula "Trianon," the Royal Marigold. The fine double flowers are very showy, of a bright sulphur yellow with very dark brown, nearly black, centre. . . 5c.
- 119 Calendula Meteor. Perfectly double and beautifully striped, cream color, edged with orange. Per oz., 15c.; pkt. . . 5c.
- 120 Calendula Oriole, or Bright Yellow. The extra large double flowers are indescribably rich and glowing in tone, and of an intensely bright golden yellow. . . 10c.

CALLA DEVONIENSIS

New Large Flowering Calla

- 121 — The new beautiful and best Calla up to date. It produces from 3 to 4 times as many flowers as the older sorts. The seedlings come true and will bloom the first year. Its willingness to bloom is phenomenal, while its culture is very simple. They are pure white, large, and are borne on stout stalks. Easily grown from seed. Packet (20 seeds) . 25c.



CALLA DEVONIENSIS



TUBEROUS-ROOTED BEGONIA



CALENDULA



MARGUERITE CARNATION

CENTAUREA (OR CORNFLOWER)

A hardy annual or perennial, easily grown; flowers freely and continuously; 2 to 3 feet. Excellent for cutting.

- 141 *Centaurea*, Cyanus, mixed..... 5c.
- 142 —New Double. A variety of large size, presenting many bright colors hitherto unknown.....10c.
- 143 —*Margaritae*. Distinct from all *Centaureas*; the most beautiful variety known. Pure white; delicately scented; freely produced on long stems.....10c.
- 144 —*Imperialis* "New Imperial Giant Sweet Sultans." They are the result of crossing *C. Moschata* and *C. Margaritae*, taking from the former the luxurious growth of plant, and from the latter the noble flowers, the colors of which are infinitely varied from glistening white through shades of red, from flesh-pink to crimson, and through blues from silvery lilac to royal purple, etc., and all flowers are deliciously fragrant. They are of strong, bushy form about 3 feet high. .10c.
- 145 —*Americana Alba*. Also known as Star Thistle. Showy when in bloom, and a free and hardy plant. Grows to a large size, with immense heads of double, fluffy pure white blooms ..10c.

CANDYTUFT

One of the oldest, most popular and useful border annuals.

- 122 *Candytuft*, Giant Hyacinth Flowered. The flower-heads are of immense size, 6 ins. long; pure white, excellent for cutting.... 10c.
- 123 —*Iberis*, fragrant, pure white; 1 foot..... 5c.
- 124 —*Empress*, white, large and showy spikes; fine for cutting...10c.
- 125 —Crimson, very beautiful; 1 foot..... 5c.
- 126 —Rocket, pure white, large truss; 1 foot..... 5c.
- 127 —New Carmine, produces a mass of brilliant carmine bloom..10c.
- 128 —Mixed Colors, fine dwarf hybrids..... 5c.

CALCEOLARIA This is a very showy, free-flowering pot plant for late winter or spring flowering in the house or cool conservatory. The colors and markings are wonderfully rich and varied, including soft velvety shades of crimson, maroon, brown and yellow, heavily tinged with deeper shadings in same colors.

- 129 *Calceolaria*, English. This is unexcelled and may always be depended on to produce finest flowers.....50c.
- 130 —Hybrid, spotted and mottled. Varieties mixed.....35c.

CALANDRINIA Very beautiful creeping plants, admirably adapted for planting in rock work, where they will produce flowers in profusion. This plant is best in light, sandy soil. *Hardy annual*.

- 131 *Calandrinia Grandiflora*, mixed..... 5c.

CARNATIONS

Easily grown from seed.

- 132 *Carnation*, *Marguerite*. Their distinguishing characteristic and the one which makes this race of supreme importance is the fact that they will commence to flower four months after the seeds are sown. They run through quite a variety of colors—white, scarlet, carmine, rose, striped purple, violet, salmon, etc. Seed sown under glass in March and transplanted to the open ground in May will commence flowering in August. Mixed colors.....10c.
- 133 —*Marguerite* "Snowflake." Very early, clear white, of delicious fragrance.....20c.
- 134 —*Double Grenadin*. A splendid variety for florists, very early, charming double scarlet flowers.....15c.
- 135 —*Double Mixed*, producing many double flowers of all shades and colors.....10c.
- 136 —*Vienna Dwarf*. The best garden sort, which produces a large percentage of double, very sweet-scented flowers in the largest variety of colors.....10c.

CACALIA A neat half-hardy annual of easy culture with tassel-shaped flowers; blooms from July to September in clusters, fine for borders. Golden yellow and scarlet. 1½ feet.

- 137 *Cacalia*, mixed..... 5c.

CATCHFLY An early flowering plant with small flowers, white, red and pink. A moisture forms on the stalk, which sometimes entraps flies, hence the name "Catchfly." *Hardy annual*.

- 138 *Catchfly*, mixed, 1½ feet..... 5c.

CALLIOPSIS Seeds grow very readily, and may be sown where plants are to flower. They usually grow 3 feet in height, and should be given plenty of room to spread.

- 139 —Golden Wave. In the annual section of the *Coreopsis* family this is perhaps the most effective and beautiful. A mass of golden yellow all summer.....10c.
- 140 —*Annals*, Mixed Colors, 2 feet..... 5c.



CENTAUREA IMPERIALIS

CENTAUREA, WHITE-LEAVED OR DUSTY MILLER

Valuable plants for ribbon bedding, the silvery whiteness of the leaves being very effective with colored leaved plants.

- 146 *Centaurea Gymnocarpa*. Silver foliage, the best for bedding.....10c.
147 —*Candidissima*. Dwarf, silver-leaved plant; used for ribbon lines..10c.

COCKSCOMBS or CELOSIA

The Cockscomb is quite easily grown from seed, and is certainly one of the most showy and brilliant of annuals. The combs of the best varieties often grow a foot or more across the top. Sow seeds in March in the house, and transplant as soon as large enough to handle.

- 148 Cockscomb, Dwarf, finest mixed.....10c.
149 —Glasgow Prize. Dwarf, with dark leaves and large crimson comb..10c.
150 —Ostrich Plume. A most attractive strain, with very fine long plumed or feathered flower sprays. Mixed colors.....10c.
151 —Pink Plume. The flowers are fresh, bright rose tint and the lower involucre change gradually to a silvery white, thus presenting to the eye a most charming combination of color.....10c.
152 *Celosia Plumosa*. *Pride of Castle Gould*. 2 to 3 feet. This new introduction excels all the Ostrich Plume Celosias ever offered. The plants grow compact and pyramidal and produce immense flower heads resembling willow plumes in many remarkable shades.....25c.

COBÆA

The Cobæa is one of the most useful, beautiful and rapid growing of our climbing annuals, with large fine foliage, large bell-shaped flowers, at first green, and changing to purple-lilac, almost 1½ inches long and 2 inches in width. For covering verandahs and fences nothing surpasses the Cobæa. *Half-hardy annual*.

- 153 *Cobæa Scandens*, blue.....10c.
154 —*Scandens*, white.....10c.

CONVOLVULUS or MORNING GLORY

- 155 Morning Glories, *Imperial Japanese*. The flowers of this charming variety are of gigantic size, exquisite diversity of colors and with magnificent marble foliage. The flowers measure from 4 to 6 inches across. Choicest mixed.....10c.
156 —*New Double-flowered*. The first double-flowered Morning Glory ever introduced; is of rapid growth and produces its flowers very freely.....10c.
157 —*Tall Morning Glory (Convolvulus Major)*. Mixed colors, per oz., 15c.....5c.
158 —*Minor or Dwarf*. Many varieties, mixed, oz., 20c.....5c.
159 —*Mauritanicus*. Charming half-hardy perennial of trailing habit, with light blue flowers, suitable for hanging baskets and vases.....5c.

CACTUS SEED

Growing Cactus from seed affords untold interest and pleasure. Sow under glass in light sandy soil.

- 160 Cactus. Fine mixed varieties. Grows very fast from seed.....20c.

CATANANCHE (EVERLASTING)

- 161 *Catananche*. Flowers white with violet centre, and blue with purple centre, quite double, somewhat resembling a pink; extremely showy, 1½ to 2 feet high.....5c.

CANNAS

Crack the seeds before planting. Sow early in a hot-bed, then transplant into not too rich soil; the plants will bloom from July or August until cut down by severe frost.

- 162 *Canna*, *Crozy's Large Flowering Dwarf French*. Finest mixed..10c.
163 —*Indian Shot*. Finest mixed.....5c.



NEW CELOSIA, "CASTLE GOULD"



COBÆA SCANDENS

CERASTIUM (SNOW IN SUMMER)

One of the prettiest hardy perennial plants for bedding out or ribboning ever known; of dwarf growth, leaves covered with a snowy down, and producing a profusion of white flowers.

- 164 *Cerastium Biebersteini*, 6 ins. high.....10c.

CINERARIA

Magnificent and indispensable flowering plants for spring decoration, for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades, usually two or more colors are shown in one flower, covering the plant with a sheet of bloom. (See cut.)

- 165 *Cineraria Hybrida Grandiflora*. A splendid strain of large flowering hybrids, dwarf, compact and bushy. Mixed colors. Extra choice..50c.
166 —*Hybrids*. Large flowering, mixed colors.....25c.
167 —*Double, extra choice, mixed*.....35c.
168 —*Stellata (Star Cineraria)*. A large flowering Cineraria, with twisted or quilled petals similar in shape to a true Single Cactus Dahlia, a favorite wherever grown. The plants make a most effective display either for greenhouse or house decoration. For table decoration it is admirable.....35c.

Leading merchants all over Canada sell our seeds. Patronize your local dealer when you can. If he hasn't got what you want, send to us direct.



CINERARIA STELLATA



Chrysanthemum Marguerite

CHRYSANTHEMUM

- The annual varieties of Chrysanthemums are exceedingly pretty. Set 1 foot apart. *Hardy annuals.*
- 169 **Chrysanthemum Eclipse.** Of all our new annual Chrysanthemums none are more beautiful than the "Eclipse"..... 5c.
- 170 —**Tricolor.** Various shades of color, 1 foot..... 5c.
- 171 —**Burridgeanum.** Various shades and colors..... 5c.
- 172 —**Marguerite or Paris Daisy.** Large, white, star-shaped flowers, fine for cutting, 2½ feet..... 10c.
- 173 —**Indicum.** For greenhouse culture only. The varieties are numerous and divided by florists into various classes: "Chinese," "Pompon," "Japanese," etc. Seeds sown in early spring make fine house plants the following autumn and winter..... 25c.
- 174 —**Japonicum.** For greenhouse culture. The Japanese long-petaled or fringed varieties, now popular, double, mixed colors..... 20c.

CENTROSEMA

(LOOK-AT-ME)

- 175 A perennial vine of great beauty. It blooms in July, bearing inverted pea-shaped flowers, two inches across, of a rosy violet color, with a broad feathered marking through the centre; flowers profusely..... 10c.

CLARKIA

- These are effective border plants, showy and profuse bloomers, adapted to cool or shady locations. *Hardy annual.*
- 176 **Clarkia Elegans.** Finest double varieties, mixed. 1½ feet..... 5c.

CLIANTHUS DAMPIERI

- 177 **Clanthus Dampieri, or Glory Pea.** Undoubtedly one of the most gorgeous flowers in existence and of the few that show a clear, glossy jet-black color. The plants bear clusters of most beautiful red flowers. Seed must be started in hot-bed..... 15c

CLEOME PUNGENS

(GIANT SPIDER PLANT)

Seed sown in open ground in May commences blooming July 1st, and continues in the greatest profusion until frost; attaining a height of 5 or 6 feet, with great panicles of deep purplish pink bloom. It is exceedingly showy, and where a tall plant is desirable no annual can surpass it.

- 178 **Cleome Pungens, Spider Plant.**..... 10c.

RAINBOW COLEUS

- 179 The plants reach a height of from 2 to 3 feet; the leaves often measure 8 inches in length, handsomely crimped, toothed and frilled, their color combinations are remarkably rich. *Tender perennial*..... 25c.

COSMOS

This is a strong grower, having elegant foliage, and for fall blooming has no superior. Sow seed in March in the house and transplant to open ground in May.

- 180 **Cosmos, Early Flowering Hybrids,** the earliest Cosmos in existence. The colors include pure white and shades of lilac, rose and crimson. Finest mixed. 10c.
- 181 —**Early Flowering White.**..... 10c.
- 182 —**Early Flowering Dwarf Mixed.** Unfortunately, large-flowering Cosmos do not bloom until late in the season. This new, early-flowering German strain begins blooming scattering in June, the quantity increasing gradually until July and from that time until frost the plants are a mass of flowers. The flowers average 3 inches across; the plants are dwarfer than the late-flowering Cosmos, forming compact bushes only 4 feet high..... 10c.

COWSLIP

- 183 The favorite English Cowslip, flowering early in the spring..... 5c.

CUPHEA

(CIGAR PLANT)

- 184 A remarkable free blooming annual, bearing long shaped intense scarlet blossoms, adapted for pot culture in the house to bloom in winter..... 10c.

CYNOGLOSSUM

(VENUS NAVAL WORT)

A fine hardy annual, growing over a foot high with long loose sprays of beautiful white flowers, great honey-producing flowers; bees just revel in it. Blooms quickly from seed. *Hardy annual.*

- 185 **Cynoglossum Linifolium.** Very fine..... 5c.

CYPERUS

(UMBRELLA PLANT)

A strikingly handsome foliage plant; equally well adapted for the greenhouse or open ground. The leaves are striped in white, giving the plant a distinct appearance. It is of easy culture. *Half-hardy perennial.*

- 186 **Cyperus Alternifolius.**..... 10c.

CYCLAMEN

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The culture of the Cyclamen from seed is comparatively easy.

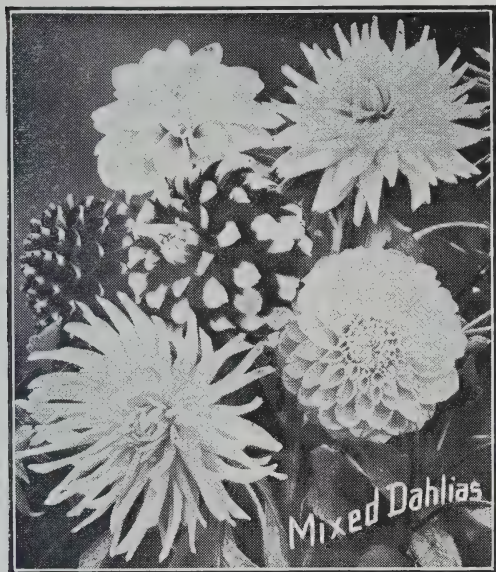
- 187 **Cyclamen Persicum.** Best colors, mixed..... 10c.
- 188 —**Persicum, Covent Garden Strain.** Extra choice, mixed..... 25c.
- 189 —**Persicum Giganteum.** From prize collections. Flowers are of mammoth size, borne well above the foliage on long, stiff stems. The colors are deep crimson, purest white, rose and white with carmine spots and flakes..... 50c.



NEW EARLY FLOWERING COSMOS



CYCLAMEN GIGANTEUM



DAHLIAS

FROM SEED

- 190 **Dahlias, Burbank's Mixture.** The seed is of Luther Burbank's own saving. He says of it: "The seeds will produce a greater proportion of large flowered, bright colored, perfect flowers than any other offered. 90 per cent. of good flowers can be expected." The colors are salmon, light and dark crimson, deep purple, maroon and almost black, light straw, deepest yellow and a few white; mostly of the Cactus type. . . . 15c.
- 191 —**New Striped Single.** Flowers 4 inches in diameter, comprise a wonderful variety of colors, beautifully striped, flaked, mottled and dotted in a grotesque and charming manner. . . . 10c.
- 192 —**Single, mixed.** Great variety in color and form. . . . 10c.
- 193 —**Double, mixed.** Extra fine, saved from choicest double flowers . . . 15c.

DAISY (BELLIS PERENNIS)

Low growing plants, producing in early spring their handsome double flowers. They grow best in rich, loamy soil and rather cool situations.

- 194 **Daisy, Snowball.** The flowers are perfectly double and of the purest white, having stiff long stems. . . . 10c.
- 195 —**Longfellow.** This variety produces pink flowers, usually large and double; very long and stiff flower heads. . . . 10c.
- 196 —**Double.** Finest of double varieties, mixed, $\frac{3}{4}$ -foot. . . . 5c.
- 197 **Shasta Daisy.** Hardy, of compact, bushy growth, bearing in profusion throughout the season single white Daisy flowers of immense size. . . . 10c.

DOLICHOS LABLAB (HYACINTH BEAN)

- 198 A splendid, rapid-growing climber; flowers profusely and in clusters of white, purple and lilac flower spikes, which are followed by exceedingly ornamental seed pods. Plant the seed where they are desired to flower in as warm and dry a situation as possible. Give support for vines to run upon. Grows from 8 to 20 feet. *Half-hardy annual.* . . . 5c.

DRACAENA INDIVISA

- 199 A foliage plant much used for the centres of vases and for pot culture; thin arching leaves, 2 to 3 feet. . . . 10c.

DATURA

Strong growing, ornamental annuals, with large, showy flowers, making handsome plants, 2 to 3 feet high; for flower beds or borders. Easily grown from seed.

- 200 **Datura Cornucopia.** A magnificent variety, stems dark purple maroon, flowers average 8 inches long by 5 inches across mouth, interiors being glistening French white, with purple exteriors. . . . 10c.
- 201 —**Golden Queen.** Large double golden yellow flowers, very fragrant. . . . 10c.
- 202 —**Fatoua Huberiana.** Large and double, inside white, outside colored, 3 feet. . . . 10c.

DIANTHUS or PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials, or Chinese or Japanese varieties bloom the first season, the same as hardy annuals; height, 1 foot.

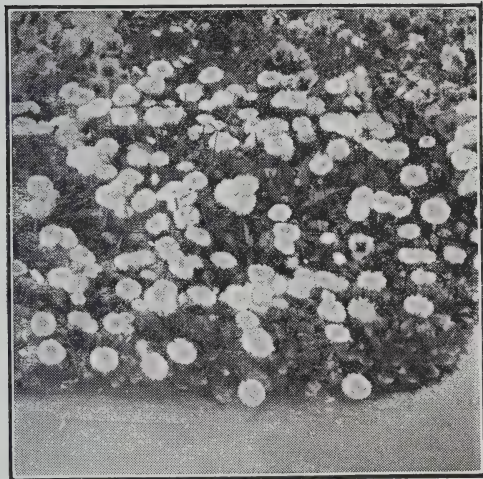
- 203 **Dianthus Chinensis.** (China or Indian Pink). Double mixed. . . . 5c.
- 204 —**Heddewigii Diadematus** (Double Diadem Pink). Beautiful double flowers; mixed, or varied tints of lilac, crimson, purple, to very dark purple; with the outer edges fringed and nearly white. . . . 5c.
- 205 —**Imperialis** (Double Imperial Pink). Mixed colors. . . . 5c.
- 206 —**Mourning Cloak.** The large double, almost black flowers, have a clear fringed edge of white, very attractive. . . . 10c.
- 207 —**Punctatus "Princess Pink."** The plants are of erect growth with slender leaves on long, stiff, wiry stems. It is an annual, bearing large fringed-edged, single flowers of several ground colors over which is dotted and blotched different contrasting colors. . . . 10c.
- 208 —**Crimson Belle.** As its name implies, it is a rich crimson flower, double, of very large size and substance, evenly and finely lacinated. . . . 10c.
- 209 —**Ruffled Giants.** The flowers of noble size average 3 to 4 inches across. The petals are ruffled, frilled and fringed, lending grace and beauty to the

gorgeously colored blossoms which range from dark blood-red to glowing crimson, carmine-rose, salmon-pink and white. Its double flowers are mottled and blended with two or more shades. . . . 10c.

- 210 —**Heddewigii.** Finest selection, single flowered; mixed. . . . 5c.

- 211 —**Laciniatus.** A beautiful fringed single variety; various colors. . . . 5c.

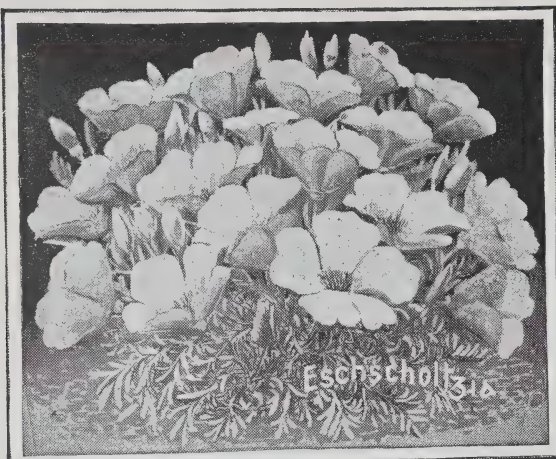
- 212 —**Latifolius Atrococcineus Fl. Pl.** (Ever-blooming Hybrid Sweet William.) This is a cross between an annual Pink and a Sweet William, combining the free and continuous blooming qualities of the former with the hardness of the latter; in color an intense velvety crimson scarlet; blooms the first year from seed and one of the finest subjects for any position in the garden. Pkt. . . . 10c.



"SNOWBALL DAISY"



DATURA CORNUCOPIA



ESCHSCHOLTZIA (CALIFORNIA POPPY)

- An exceedingly showy class of plants, bearing a profusion of richly colored flowers. Sow the seeds where the plants are wanted to bloom, as they do not stand transplanting; are perfectly hardy and will grow in every soil and bloom profusely all summer; thin to 6 inches apart.
- 213 *Eschscholtzia Californica*. Special mixture; all the best varieties..... 5c.
- 214 —*Californica Alba Plena*. Produces a large percentage of double white flowers..... 5c.
- 215 —*Mandarin*. The outer side of the petal is a brilliant scarlet; the inside rich orange..... 5c.
- 216 —*Rose Cardinal*. The flowers are of rich, rose-colored hue..... 5c.
- 217 —*Douglasii*. The color of the flowers, which are from 1½ to 1¾ inches across, is a pure golden yellow with a dark yellow centre..... 10c.

FERNS

- 218 *Ferns, Greenhouse varieties*. Seed should be sown in boxes of light, rich soil; keep partially shaded and quite moist until the young plants appear, when they can be transplanted. Mixed varieties..... 15c.
- 219 *Ferns, hardy varieties*. Mixed..... 15c.

FUCHSIA

- 220 Beautiful plants for pot culture; waxy drooping flowers 1 to 2 inches long, of exquisite colors, red, white, pink, etc. *Tender perennial*. Mixed, single and double sorts; 1 to 2 feet..... 25c.

GODETIA (SATIN FLOWER)

A handsome flower and particularly useful because it will grow in shady places. They bloom a long time, and so profusely that the foliage is almost hidden by the many large wide-open flowers of shining satin texture, and of the most lovely colors.

- 221 *Godetia, Duchess of Albany*. Flowers, glossy satin white, produced in great profusion; 12 inches..... 5c.
- 222 —*Lady Albemarle*. Flowers large, carmine crimson shade; the edges of the petals suffused with pale lilac; dwarf..... 5c.
- 223 —*Lady Satin Rose*. Flowers are of a brilliant deep rose pink, the surface shining like satin..... 5c.
- 224 —*Extra Choice Dwarf*. Mixed..... 5c.
- 225 —*Sunset*. It is of dwarf habit—in fact, the most compact formed of any known *Godetia*. It is simply covered with a continuous mass of dazzling rosy scarlet blossoms the whole summer, making solid beds of surpassing brilliancy. Pkt..... 10c.

GAILLARDIA

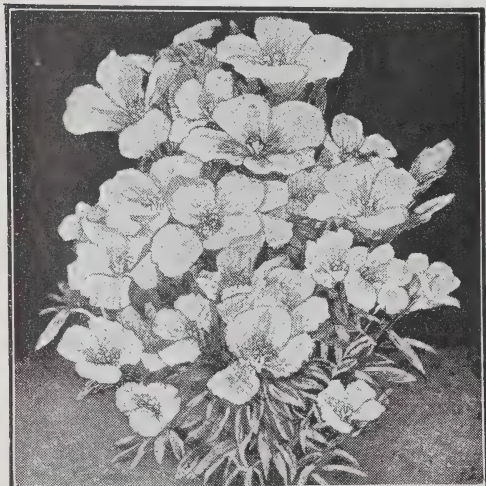
Beautiful showy plant, giving profusion of brilliant flowers during the summer and autumn; fine for cutting. *Hardy annuals*.

- 226 *Gaillardia, Lorenziana, or Double Flowering*. Large round heads, composed of 20 to 30 flowers of orange, claret, amaranth, sulphur, etc. *Hardy annual*..... 5c.
- 227 —*Aristata Grandiflora*. Mixed colors. *Hardy annual*..... 5c.

GOURDS, Etc.

Quick growing vines, desirable for covering arbors, walls, etc., producing useful and ornamental fruit of various shapes and colors. *Hardy annual*.

- 231 —*Hercules' Club*, large, club shape..... 5c.
- 232 —*Sugar Trough*..... 5c.
- 233 —*Serpent Gourd*..... 5c.
- 234 —*Many Sorts, mixed*..... 5c.



GODETIA SUNSET

- 228 *Gourds, Coccinea*, beautiful foliage, scarlet fruit..... 10c.
- 229 —*Echinocystis Lobata* ("Climbing Wild Cucumber") Very hardy, quick-growing vine, fine for covering trellis, fences, etc. oz., 15c..... 5c.
- 230 —*Orange*, very like an orange..... 5c.

GLOBE AMARANTHUS

- 235 Showy everlasting flowers, extensively used in winter decoration. Seeds should be started in gentle heat as they are slow to germinate outside. *Tender annual*. 1½ feet..... 5c.

GERANIUM

- 236 *Geranium, Large Flowering*, single, mixed from large flowering new varieties..... 10c.
- 237 —*Double Mixed*, including many varieties and the newest shades..... 50c.
- 238 —*Pelargonium, Mixed* (Lady Washington). From finest fancy spotted large flowering sorts..... 35c.

GYPSOPHILA (INFANT'S BREATH)

Graceful, free-flowering plant, forming a symmetrical bush, covered with loose panicles of flowers; excellent for cutting.

- 239 *Gypsophila Elegans*. White, 1½ feet *Hardy annual*..... 5c.

GLOXINIAS

Charming house plants of dwarf habit. Flowers of the most exquisite and gorgeous colors are produced in great profusion. They are often 3 to 4 in. across, and many of them are magnificently spotted, mottled and blended. 1 ft. *Tender perennial*.

- 240 *Gloxinia, Grandiflora Erecta*, of great beauty and diversity; mixed varieties, saved from the finest, erect-growing sorts. Pkt. 35c.
- 241 —*Large Flowering, mixed*. Choice. See Bulb List for bulbs. Pkt..... 25c.

GREVILLEA (AUSTRALIAN SILK OAK)

- 242 Beautiful and graceful foliage, valued as a decorative plant for the table or greenhouse; 3 to 5 feet. *Tender perennial*..... 10c.

HELIOTROPE

Deliciously fragrant flowering plants; great favorites for pot culture in the winter or bedding out in summer; seed must be sown in boxes and transplanted; 2½ feet. *Tender perennial*.

- 243 *Heliotrope, large flowered, mixed shades*..... 10c.
- 244 —*King of the Blacks*..... 10c.



DOUBLE GERANIUM

HONESTY or SATIN FLOWER (*LUNARIA BIENNIS*)

245 Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments; beautiful and curious; 2 ft. Mixed 10c.

HUMULUS JAPONICUS (^{JAPANESE}_{HOP}) The annual Japanese Hop is a most valuable and rapid-growing climber. It can be sown in the open ground in spring and will attain enormous dimensions in a very short time.

246 *Humulus Japonicus*. Highly recommended for the Northwest..... 10c.

247 —*Variegatus*. New, handsome, variegated foliage..... 10c.

HELICHRYSUM Handsome everlasting flowers, blooming freely till late in season; extensively used in winter bouquets of dried flowers for which purpose they should be gathered before being fully opened. *Hardy annual*.

248 *Helichrysum*, double, finest mixed; 2 feet..... 5c.

IPOMEAS These beautiful climbers are attractive and useful and deserve cultivation. Start seed in hot-bed or greenhouse and plant out in May. *Tender annual*.

249 *Ipomea Bona Nox* (Evening Glory or Good Night). Flowers expand in the evening, are large, white and fragrant. 10 feet..... 5c.

250 —*New Cross-bred Moon-flower*. Is of a luxuriant growth, an abundant bloomer. The flowers are pure white, very large and delightfully fragrant.... 10c.

251 —*Quamoclit* (Cyprus Vine). Graceful, airy foliage and handsome flowers, scarlet and white..... 5c.

KENILWORTH IVY 252 *Kenilworth Ivy* (*Linaria Cymbalaria*), lavender and purple. A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rockwork.. 10c.

IMPATIENS SULTANI 253 *Impatiens Sultan* (Zanzibar Balsam). A perennial Balsam producing gorgeously colored rosy carmine flowers. One of the most distinct and beautiful plants for window culture in winter; easy growth..... 20c.

KOCHIA or SUMMER CYPRESS 254 A highly ornamental annual of unusually rapid growth, which forms regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. The leaves are slender and of a light pea-green until September, when they change to carmine and blood-red. Its bright autumn coloring has given it two other names: "Mexican Fire Plant" and "Burning Bush." This plant does exceedingly well in the West from seed sown in the open. It has a beautiful and striking appearance right up to snow falls. Per pkt..... 10c.

LARKSPUR A vast improvement has been effected by careful selection and attentive cultivation in the size and color of the blossoms and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted.

255 *Larkspur*, Double Dwarf Rocket, various colors, 1 ft.; oz. 25c..... 5c.

256 —Double Tall Rocket, various colors, 1½ ft..... 5c.

257 —Emperor, Branching, double mixed, brilliant colors, very fine variety, 1½ ft... 5c.

LAVATERA ROSEA SPLENDENS 258 One of the most striking hardy annuals grown in our gardens. Magnificent flowers of a beautiful rosy pink. Extremely useful for cutting, the blooms remaining in beauty for a long period. Effective in large beds or borders as the plants are covered with flowers. Height 3 feet..... 10c.

LANTANA HYBRIDA 259 One of the most desirable of hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads and changing in hue; 2 to 5 feet, mixed... 10c.

LOPHOSPERMUM An exceedingly ornamental greenhouse climber, bearing numerous large, rosy-purple, Gloxinia-like flowers. Also adapted for the open air, in a warm airy position, with a rich earth. Sow seed in March in a box; prick young plants out in pots. *Half-hardy annual*.

260 *Lophospermum Scandens Rose*, 10 ft..... 10c.

LINUM or FLAX A genus of most beautiful free flowering plants; their brilliancy of color and long duration of bloom being surpassed by none. *Hardy annual*.

261 *Linum Grandiflorum Rubrum*. Scarlet..... 5c.

LUPINUS The Lupinus are all handsome and graceful, with spikes of pea-shaped blossoms of various colors. They look well as a background to other low-growing annuals.

262 *Lupinus*, Annual Varieties, mixed..... 5c.

LOBELIA Gems of the flower garden. As an edging the Lobelia is unsurpassed, and no plant is more effective. Easily managed, and may be had in greatest abundance from seed. *Half-hardy annual*.

COMPACTA VARIETIES

Little round, compact plants, 4 to 5 inches high, forming little mounds of bloom; splendid for edging, beds and ribbon gardening.

263 *Lobelia*, Crystal Palace, Compacta. Deep blue, dark foliage; the best bedding sort. Grows only 6 in. high..... 10c.

264 —White Gem. Best white sort for ribbon and carpet bedding..... 10c.

265 —Royal Purple. In color this is a very rich shade of violet purple, without any trace of blue, thus showing off its clear white eyes. The habit is semi-compact.. 10c.

266 —Emperor William. The finest dwarf dark blue Lobelia..... 10c.

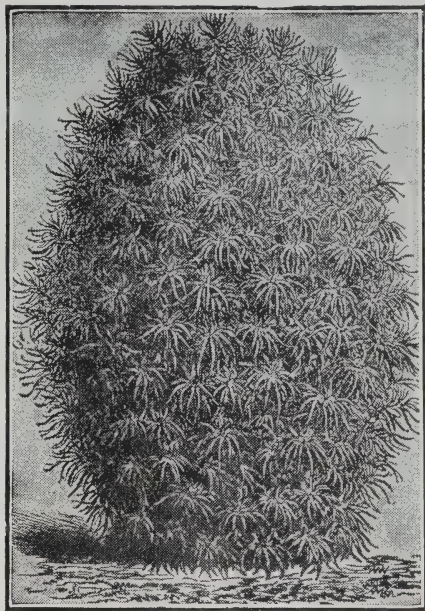
LOBELIA—ERINUS VARIETIES

Branching plants for hanging over vases and baskets; 6 to 9 in.

267 *Lobelia Speciosa Superba*, dark blue with large white eyes, very showy..... 10c.

268 —Gracilis, a very fine variety for hanging baskets, vases, etc., trailing gracefully and bearing beautiful blue flowers profusely..... 10c.

269 *Lobelia*, fine mixed Trailing Varieties..... 5c.



KOCHIA OR SUMMER CYPRESS



Larkspur



Lobelia



MARIGOLD

Wherever a rich display of bloom is desired, the Marigold is almost indispensable. The African varieties are tall, growing usually two feet or more, while the French are more dwarf. Succeed well in ordinary garden soil. *Hardy annual.*

- 270 **Marigold, Golden Ball.** This is without doubt the finest double Marigold yet introduced; when grown to perfection the heads attain an enormous size and are as globular and as dense as a knitted ball. 4 to 5 inches in diameter and beautifully finished. A mass of these in a bed is as fine an object as one can wish in the garden during the Autumn, and the length of time the plants continue to flower is much in their favour. 10c.
- 271 **—Dwarf French, Single, Purple and Gold (Legion of Honor) or Little Brownie.** Grows quite regular, and only about 1 foot high, and blooms in abundance from July until cut down by the frost. The single flowers are of a lovely golden yellow, with a broad velvety blotch on each petal; of easy culture. 10c.
- 272 **—African Dwarf.** Mixed finest double varieties. 5c.
- 273 **—French Tall Double.** Finest double varieties, mixed; 2 feet. 5c.
- 274 **—French Dwarf Double.** Finest double varieties, mixed, 1 ft. 5c.

MATHIOLA (FRAGRANT EVENING STOCK)

A garden plant grown for its delicious perfume, which is emitted in the evening and morning, also after a shower. *Hardy annual.*

- 275 **Mathiola Bicornis.** Pink and lilac flowers; 1 foot. 5c.
- MALOPE** 276 Handsome plants, suitable for beds or shrubby borders; large showy flowers. *Hardy annual.* Mixed blue and white, 2 ft. 5c.

MIMOSA (SENSITIVE PLANT)

Very interesting and curious; so sensitive is it that when touched the leaves instantly close and droop. Seed should be started under glass or in the house. *Tender annual.*

- 277 **Mimosa Pudica,** pinkish-white; 2 feet. 5c.

MAURANDIA Charming climbers, elegant alike in flowers and foliage, and of graceful and slender growth. The seed should be started in hot-bed or greenhouse. *Half-hardy perennial.*

- 278 **Maurandia,** finest mixed. 10c.

MIGNONETTE

Mignonette does best in as cool a situation as possible. When exposed to the full force of the summer heat it begins to form seeds, sometimes before the spikes are fully grown.

- 279 **Mignonette, Red Victoria.** One of the finest varieties ever introduced for garden use; the foliage is strong and luxuriant; the flowers are large and borne on compact stems; very fragrant. 10c.
- 280 **—Miles' Giant White Spiral.** This grand Mignonette grows perfectly erect. 10c.
- 281 **—Golden Queen.** Dense pyramidal habit, throwing up numerous flower stalks, bearing spikes of yellowish blossoms. Oz., 30c. 10c.
- 282 **—Defiance.** When grown under favorable conditions, will produce spikes of remarkable size—from 12 to 15 inches long, and of the most delicious fragrance, more so than any other variety. The individual florets are of immense size. Oz., 80c.; 10c.
- 283 **—Machet.** The plant is a strong, bushy grower, bearing spikes of flowers in great numbers, which are of gigantic size and perfect pyramidal shape and of a brick-red color. Oz., 60c. 10c.
- 284 **—Large Flowering, Sweet Scented.** ¼ lb., 35c.; oz., 15c. 5c.

MESEMBRYANTHEMUM (ICE OR DEW PLANT)

Mesembryanthemums are handsome and curious-looking trailing plants. The most popular varieties are known as Ice Plant or Dew Plant; both are well adapted to hanging baskets, vases, rockwork or edgings; the flowers are small and white. *Tender annual.*

- 285 **Mesembryanthemum, Ice Plant.** Singular ice-like foliage. 5c.
- 286 **—Dew Plant.** Rose, purple centre. 5c.

MATRICARIA (FEVERFEW)

Handsome free-flowering plants, good for beds and pot culture, with double white flowers and pretty curled foliage; 8 inches.

- 287 **Matricaria Eximia Fl. Pl.** 10c.

MIRABILIS (FOUR O'CLOCK)

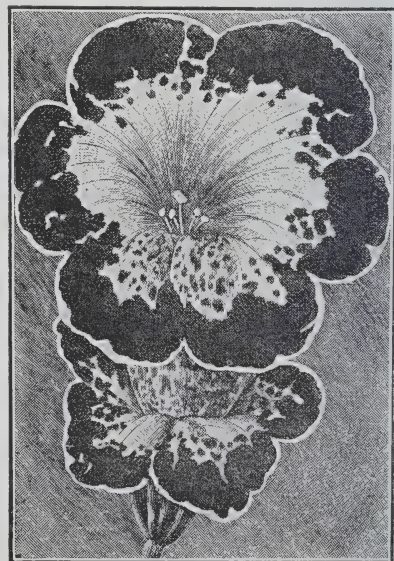
Handsome border plants, with rich, glossy leaves, profusion of bloom,

divers colors and foliage. The flowers open in the afternoon, hence the name 'Four o'clock.' *Hardy annual.*

- 288 **Mirabilis (Marvel of Peru).** Mixed; 2 feet. 5c.
- 289 **—Variegated leaved.** Flowers of a variety of colors; leaves light green, faintly marked. 5c.

MIMULUS

Beautiful, singularly shaped and brilliantly colored flowers, with curious and various colored markings. *Perennial* for greenhouse and *half-hardy annual* for out-of-doors.



GIANT EMPEROR MIMULUS



MIGNONETTE MACHET

- 290 **Mimulus Tigrinus (Monkey Flower).** Double, tube-shaped flowers, beautifully spotted; 1 foot. 10c.
- 291 **—Giant Emperor.** The flowers are of rich and varied colors, grotesquely mottled and figured. 15c.
- 292 **—Musk Plant (Mimulus Muschatus).** Foliage emits a strong, musky perfume; yellow; ½ foot. 10c.

MUSA ENSETE (ABYSSINIAN BANANA TREE)

- 293 The leaves are magnificent, long, broad and massive; of a beautiful green, with a broad crimson mid-rib; the plant grows luxuriantly from 5 to 6 feet high, producing a tropical effect on the lawn, terrace or flower garden. Seeds sown early in the hot-bed will produce large plants first season. *Tender perennial.* 25c.



NASTURTIIUMS

TALL or CLIMBING

There are few flowers that compare with Nasturtiums in richness and variety of colors, freedom of bloom, easiness of culture and general usefulness. They are suitable for bedding and are handsome climbers, grow quickly, thrive in the poorest soil, and furnish the greatest abundance of long-lasting, sweet-scented cut flowers.

- 294 **Nasturtium, Scarlet and Gold.** Yellow foliage, flowers dark crimson, scarlet, striking effects. Oz., 20c. 5c.
 295 **—Vesuvius.** Salmon rose, with dark leaves. Very attractive. Oz., 25c. 5c.
 296 **—White Pearl.** Very attractive. Oz., 20c. 5c.
 297 **—Dunnett's Orange.** Oz., 15c. 5c.
 298 **—Hemisphericum.** Straw color, with rosy scarlet blotches. Oz., 25c. 5c.
 299 **—Scarlet.** Large flowers of intense color. Oz., 15c. 5c.
 300 **—Scarlet Striped.** Oz., 20c. 5c.
 301 **—Crimson.** Oz., 15c. 5c.
 302 **—Yellow.** Oz., 15c. 5c.
 303 **—“Hybrids of Madame Gunther.”** These hybrids are remarkable for their wide range of colors, embracing rose, pink, salmon, purple, velvety dark maroon, light yellow, and deep orange in self colors, as well as striped and blotched. Oz., 25c. 10c.
 304 **—California Giant Flowering.** The colors and combination of colors in this grand new strain includes various shades of rose, salmon, bright red, pale yellow, spotted, mottled and margined. For covering fences, trellises, arbors, etc., nothing can equal the gorgeous effect produced. Oz., 25c.; $\frac{1}{4}$ lb., 85c.; pkt., 10c.
 305 **—Tall, Mixed.** Contains many beautiful sorts. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; 1 lb., \$1.00.

Giant-Flowered “Brilliant” Mixture Dwarf Nasturtium

or Europe. In fact, all other growers combined cannot approach his success. That plants are capable of attaining in the hands of an enthusiastic specialist with knowledge and skill in selecting, hybridizing and re-selecting,

- 318 **This Grand Bedding Mixture** is unequalled for its size and profusion of blooms, while the combinations of colors as well as the self-colored flowers show a brilliancy and velvety richness charming to every beholder. Oz., 25c.; $\frac{1}{4}$ lb., 75c. pkt., 10c.
 319 **—Mixed.** Many sorts: oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25; 5c.

NICOTIANA (TOBACCO PLANT)

- 320 **Nicotiana Affinis.** An annual with sweet-scented pure white star-shaped flowers, 3 inches across, blooming continually; 2 to 3 feet high. 5c.
 321 **—Giant Red Flowered.** The foliage is luxuriant and tropical in appearance; plants surmounted with immense clusters of rich crimson flowers; 5 feet. 5c.
 322 **—Sanderæ.** bears its brilliant flowers on bushy, many branching plants, 2 feet high. It will give a continuous display of bloom all the summer and autumn in the open ground, and will make extraordinary branched specimens, retaining their leaves to the base. Mixed colors. 10c.
 323 **—Sylvestris.** The long, pendant, tubular flowers of pure white are borne in circular clusters on strong spikes away above the foliage. Flowers emit a very delicious perfume. 10c.

NEMOPHILA These charming and useful dwarf-growing and hardy annuals have a neat, compact, uniform habit of growth with shades and colors the most beautiful. Arranged in any style which fancy may suggest, the effect is pleasing.

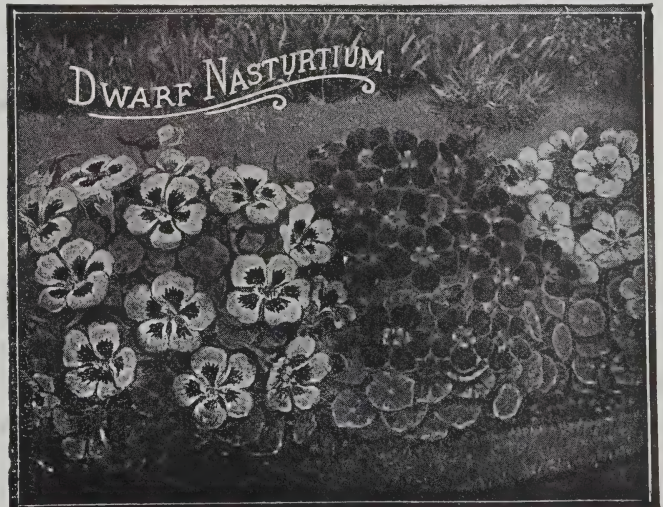
- 324 **Nemophila, Choicest Mixed.** 5c.

LOBB'S CLIMBING NASTURTIIUM

- 306 The leaves and flowers are somewhat smaller and neater than the ordinary Tall Nasturtium, but their greater profusion of bloom renders them superior. Height, 12 to 15 feet. Oz., 20c.; $\frac{1}{4}$ lb., 60c.; pkt. 5c.

DWARF NASTURTIIUM

- 307 **Nasturtium, Aurora.** The flower is of a deep chrome yellow, the upper petals showing lighter reflexes, while the two lower petals are blotched with purplish carmine and marked with bright carmine veining. Oz., 25c. 5c.
 308 **—Empress of India.** Splendid dwarf variety, dark leaves and crimson flowers; splendid for contrast bedding; oz., 30c. 5c.
 309 **—King of Tom Thumbs.** Intense scarlet flowers, dark foliage, oz., 30c. 5c.
 310 **—King Theodore.** Bluish green foliage, flowers velvety crimson; oz., 30c. 5c.
 311 **—Golden King.** Brilliant yellow, very free flowering; oz., 25c.; 5c.
 312 **—Crystal Palace Gem.** Sulphur yellow with maroon spots; oz., 25c. 5c.
 313 **—Prince Henry.** Flowers large, of beautiful cream color, marbled and spotted with bright crimson scarlet, frequently tipped with wine red; oz., 25c. 5c.
 314 **—Cloth of Gold.** Foliage is a clear bright yellow, and the scarlet flowers intermingle beautifully with yellow leaves; oz., 30c. 5c.
 315 **—Ruby King.** Of peculiar blue-tinted red; oz., 30c. 5c.
 316 **—Pearl.** Attractive creamy white; oz., 25c. 5c.
 317 **—Beauty.** Orange and vermillion; oz., 25c. 5c.



PANSY

Our Pansy seed has been most carefully selected and will give greatest satisfaction. The best plants are obtained from seed sown in a seed bed in August and transplanted about the end of September to bed or border in which they are to bloom next spring; protect with a slight covering of straw or leaves during the winter. Seed sown in boxes in March and transplanted early in spring will bloom freely in autumn. To ensure best results with Pansies, strong rich soil must be selected, the situation somewhat shaded and the plants not allowed to dry.

325 Pansy, Steele, Briggs' Giant Show Mixture. This strain comprises a beautiful collection of colors and markings and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. $\frac{1}{4}$ -oz., \$1.00. 35c.

326 —Bugnot's Giant Fancy. Celebrated French strain of extra large size, choicest colors and beautiful broad blotches and delicate pencillings; the ground colorings are generally white or very light, bringing the elegant markings into strong relief. 40c.

327 —Cassier's Superb Giant. Many of the flowers are blotched on upper petals as well as on the lower, marked and shaded so as to resemble Pelargonium. 25c.

328 —Odier's, or Five Blotched. A very large strain of French Show Pansy with three to five blotches on the petals; blooms are of exceptionally fine substance. 25c.

329 —Giant Trimardeau. The blossoms are simply enormous, perfect in form and run through all the various colors from the lightest shade to the darkest purple; $\frac{1}{4}$ -oz., 75c. 10c.

330 —Giant Blue (Emperor William). Deep blue; large dark blotch on each of three lower petals. 10c.

331 —Parisian Giant Spotted, very large. This beautiful variety of Pansy is an object of admiration when in bloom; its flowers approach the Trimardeau in size, but with much more varied tones of color. 25c.

332 —Giant Black. Immense jet black flowers; velvety and of special good substance. 15c.

333 —Giant (Lord Beaconsfield). Upper

petals lavender; lower petals rich, deep violet. 10c.

334 —Giant White. White, a small violet blotch on each of the three lower petals. 10c.

335 —Giant Yellow. Upper petals bright yellow; lower petals have a dark eye. 15c.

336 —Peacock. Beautiful ultramarine blue. Petals edged with a thin white line, within which is a space of purplish crimson, passing into a rich central blotch of deep blue. 10c.

337 —Extra Choice Large Flowering Mixture, oz., \$2.00. 10c.

338 —Choice Mixed, oz., \$1.00. 5c.

NIGELLA Fine border plants with pretty cut foliage and curiously formed flowers which have procured for it the name "Love-in-a-mist."

339 Nigella Damascena (Love-in-a-mist). Double mixed colors. 3 feet 5c.



NOLANA Nolanas are of a trailing habit, admirably adapted for rockwork, hanging baskets, vases, etc. Flowers resemble Morning Glory, brilliant, freely produced, of various colors. *Hardy annual.*

340 Nolana Atriplicifolia. Mixed colors. 5c.

ENOTHERA (EVENING PRIMROSE.) Charming hardy plants, large showy flowers; old favorites in the flower garden. The flowers open in the evening in a sudden and curious manner.

341 Enothra Biennis (Evening Primrose). Yellow. $1\frac{1}{2}$ feet. *Half-hardy annual.* 5c.

342 Rosea (Mexican Primrose). A trailing plant admirably adapted for planting in hanging vases. The flowers are of a soft, rosy pink, yet veined red, shading lighter towards the edges. 10c.

OXALIS Exceedingly free flowering little plants with lively foliage, entirely covered from June to September; useful for edgings.

343 Oxalis. Choice mixed. 10c.

PASSION FLOWER Handsome and rapid climbers for greenhouse decoration and sunny position in the open ground in summer. It is sometimes hardy in a sheltered situation.

344 Passion Flower, large flowers of violet and light blue, slightly fragrant. 10c.

POLYANTHUS Early blooming dwarf plant, for spring flower beds or pot culture. Large round flowers, borne on stalks about 8 inches tall. Yellow, maroon, crimson, etc.

345 Polyanthus (Primula Elatior). Finest gold-laced varieties. 10c.

PERILLA These are useful plants, either for background or as single specimens in mixed borders, having fine dark, ornamental, broad, serrated leaves of a purplish mulberry color. Start under glass. *Half-hardy annual.*

346 Perilla Nankinensis. $1\frac{1}{2}$ feet. 5c.

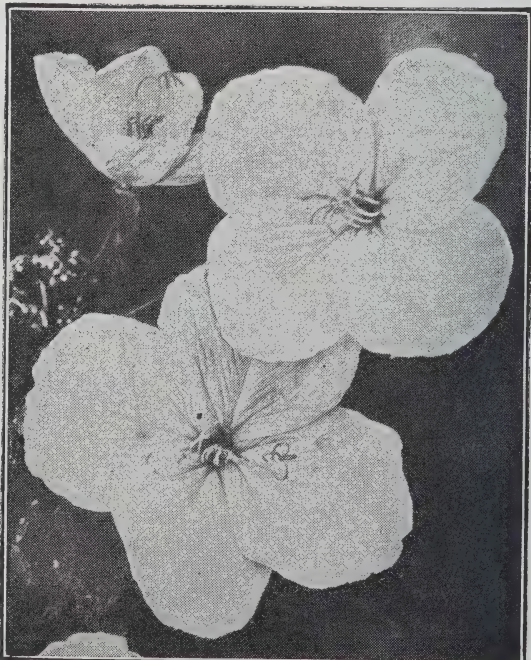
PRIMROSE (New) The New English Primroses comprise the most enchanting shades. They are of the easiest culture possible, growing readily and producing flowers in the greatest profusion. Protect during winter. *Half-hardy perennials.*

347 Primrose, English. Mixed. 15c.

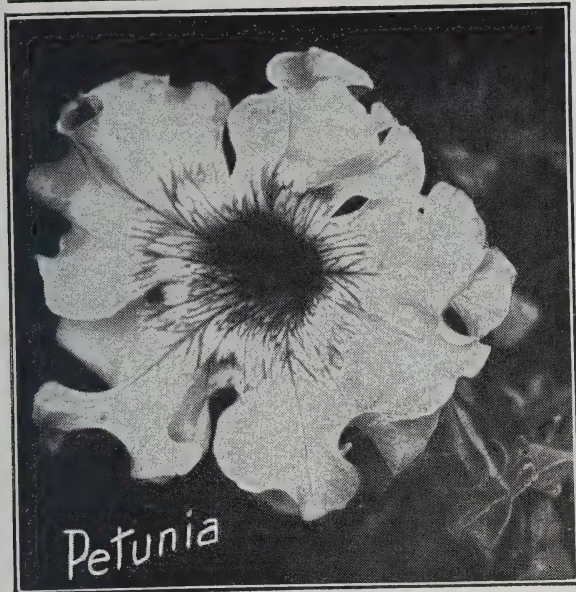
348 Primrose, English. Yellow. 10c.

Burbank's Giant Flowering EVENING PRIMROSE

349 This new Primrose was introduced by the celebrated Luther Burbank. It has given universal and unbounded satisfaction to all who were fortunate in securing it last season. It will succeed in almost any soil, and being of such a hardy nature will succeed anywhere. The snow-white blossoms are about four times as large as any of the older kinds, the flowers opening in the evening in a sudden and curious manner. By far the grandest Evening Primrose ever grown. Pkt. 10c.



BURBANK'S GIANT FLOWERING EVENING PRIMROSE



PETUNIA, S. B. GIANT OF CALIFORNIA

- 359 **Petunia, Giant of California, Mixed.** This strain is exceptionally fine and a great improvement on the old California strain; of immense size. The colors range through all the shades of yellow, rose, velvety crimson, green, black and white, running off into intricate veins of exquisite beauty.....25c.

DOUBLE PETUNIAS

- 360 —Steele, Briggs Co.'s **Double Perfection.** The strain embraces a wide range of colors in the most beautiful combinations, including mauve, snow-white, porcelain-blue, rich glowing red, and nearly every describable color; selected from newest types, a very large percentage coming double from seed.....50c.
- 361 —**Giant Fringed Snowball.** Double, pure white, exquisitely fringed and ruffled; beautiful.....50c.

PRIMULA (CHINESE PRIMROSE)

Charming profuse-blooming plants, indispensable for winter and spring decoration in the house. They are constant bloomers, and retain their magnificent appearance for a long period. Seed should be sown in February or March, in a light sandy soil, but slightly covered and kept moist. Transplant as soon as the second leaves appear, and continue shifting the plants as they grow.

- 362 **Primula, "Chinese Standard."** Giant Flowering Chinese Primrose, with large beautifully fringed flowers standing on erect stems well above the foliage. The colors range through scarlet, white, blue, crimson and pink. Mixed colors.....50c.
- 363 —Sinensis, **Giant Holborn Blue.**.....35c.
- 364 —Sinensis, **Giant White.**.....35c.
- 365 —Sinensis, **Giant Bright Red.**.....35c.
- 366 —Sinensis, **Giant Brilliant Crimson.**.....50c.
- 367 —Sinensis, **Giant Alba Magnifica.** Finest pure white.....35c.
- 368 —Sinensis, **Giant Rose or Pink.**.....35c.



PRIMULA, CHINESE STANDARD

PYRETHRUM Yellow Leaved Sorts. Dwarf-growing plants, used for edgings and ribbon-work. Half-hardy perennial. ¾ foot.

350 **Pyrethrum, Aureum.** Golden feather, yellow foliage.....10c.

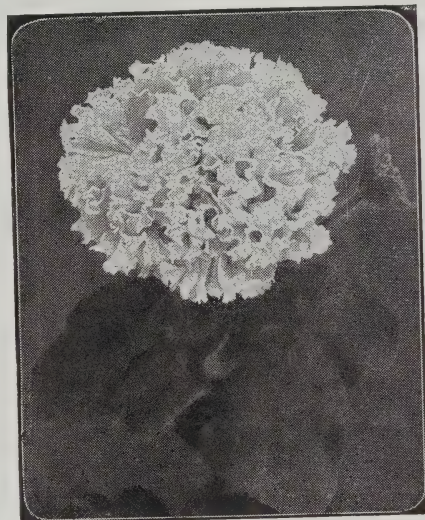
351 —**Selaginoides.** Golden yellow, fern-like foliage.....10c.

PETUNIAS

For outdoor decorations few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring a rich soil and a sunny situation. Of late years the single striped, mottled and double varieties have been greatly improved. The strains we offer are grown especially for us and we can safely say without contradiction, are the best that can be secured anywhere.

SINGLE VARIETIES

- 352 **Petunia, Blotched and Striped.** Flowers with star-shaped blotches of symmetrical form; fine bedder.....10c.
- 353 —**Single Fringed, Stained and Striped, Mixed.** Flowers are of good size and great substance. Very fine for general effect, and splendid for florists' use. 1-16th oz., \$1.00.....15c.
- 354 —**Good Mixed.** Many colors. ¼ oz., 25c.....5c.
- 355 —**Giant Rainbow.** Throats of deep intense yellow with radiating veins and pencillings, overlaying rich ground colors of various tints.....25c.
- 356 —**Giant Midnight.** Throats of deep claret crimson, almost like velvet, flowers of immense size, of a lighter crimson, heavily fringed and throats finely veined.....25c.
- 357 —**Giant Fringed Perfection.** A very highly developed strain, edge is deeply ruffled, and the ruffles in turn are exquisitely fringed.....25c.
- 358 —**Steele, Briggs Co.'s Giant Fringed and Ruffled.** These frequently measure 5 inches across, and the colorings are indescribably rich and varied. The flowers, while of the largest size, are also of improved form, having large throats and beautifully fringed edges.....35c.



STEELE BRIGGS' DOUBLE PETUNIA

- 370 **Primula, Fern Leaved.** Mixed colors, foliage of this class long and fern-like.....35c.
- 371 —**Double Mixed Sorts.**.....50c.
- 372 —**KEWENSIS.** The plant makes a charming companion to the Primula Stellata varieties and is beautifully fragrant, reminding one of the scent of Cowslips. Height, 18 inches. Pkt. 35c.

PRIMULA FORBESI (THE BABY PRIMROSE)

- 373 —Blossoms in three months after sowing, and continues to produce flowers for ten months in succession. The flowers are very graceful, not quite half an inch across, are of a most pleasing rose color, with a yellow eye.....10c.

PRIMULA OBCONICA (JAPANESE PRIMROSE)

A profuse blooming Primrose, bearing on long stems heads containing from 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily.

- 374 **Primula Obconica Grandiflora.** After years of continual selection we have brought this strain to the highest standard of excellence. The flowers are often 1 inch in diameter and thrown well above foliage, making it very attractive.....15c.
- 375 —**Obconica Fimbriata.** The flowers are as finely fringed as the Chinese Primrose, and are delightfully fragrant.....10c.

PORTULACA

Brilliant dwarf annuals, luxuriating in warm situations; blooming profusely from early summer to autumn. Hardy annuals.

- 376 **Portulaca, Double.** Large flowering varieties, mixed.....10c.
- 377 —**Single.** Large flowering, all colors, mixed.....5c.

PHLOX DRUMMONDI

A very pretty hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow-white to the deepest blood-red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of color and usefulness with the Phlox.

- 378 Phlox Drummondii Grandiflora, Splendens, bright scarlet, with white eye.....10c.
 379 —Grandiflora, Alba, white.....10c.
 380 —Grandiflora Coccinea, bright scarlet.....10c.
 381 —Grandiflora Elegans, margin from rose to crimson, with large white centre or eye.....10c.
 382 —Grandiflora Isabellina, pale yellow.....10c.
 383 —Drummondii Grandiflora, mixed, finest colors. $\frac{1}{4}$ oz., 25c.....10c.
 384 —Drummondii Mixed, finest varieties. $\frac{1}{4}$ oz., 25c.....5c.
 385 —Fimbriata or Fringed, embraces two distinct and showy colors, purple violet and carmine; these are rendered more effective by the beautiful fringed and toothed edges of the petals having more or less a border of white.....10c.
 386 —“Star of Quedlinburg.” Flowers are of regular, star-like form. Mixed.....10c.
 387 —Double White. It produces about 60 to 70 per cent. of perfectly double flowers of a pure white color.....10c.

- DWARF PHLOX** These are much superior to the other Phloxes for ribbon bedding or border. The plants grow in very symmetrical, neat little bushes, about 8 inches high, covered with flowers during the whole summer and fall.
- 388 Phlox Snowball. Flowers pure white; the plants resemble large snowballs when in full bloom; $\frac{1}{8}$ oz., 35c.....10c.
 389 —Fireball. Glowing, brilliant scarlet; $\frac{1}{8}$ oz., 35c.....10c.
 390 —Dwarf in Mixture. Ten colors in choicest mixture. $\frac{1}{8}$ oz., 30c.....10c.



POPPIES

Exceedingly showy plants, making a gorgeous display in the flower garden. The seeds must always be sown where the plants are to remain as they will not bear transplanting.

SINGLE ANNUAL POPPIES

- 391 Poppy Glaucum (New Tulip Poppy). Flowers 4 inches across, of a most brilliant dark scarlet. The two outside petals are double the size of the inner ones, and each pair forms a round cup of flower which resembles a single tulip.....10c.
 392 —Shirley. The colors are mostly light, many having wide margins on the petals. The flowers are large, single and extremely showy. It will give great satisfaction.....10c.
 393 —“Santa Rosa” (New). This new strain combines all the delicate beauty in color of the original Shirley types, and with these the whole flower in all its petals is beautifully crimped.....10c.
 394 —Admiral. This single paony-flowered Poppy is of surprising beauty. It is characterised by large, round, smooth-edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top, occupying a full quarter of the corolla. These two colors form an extremely telling contrast.....10c.
 395 —“Maid of the Mist.” The flowers are fluted and crinkled, and in the sunlight appear to be like rumpled satin. Color, pure white. Very unique and attractive.....10c.

DOUBLE POPPY

- 396 —White Swan. Pure snow white, double flowers of perfect form, large size, very beautiful.....10c.
 397 —Mikado. Long feathery petals, white fringed, with crimson.....5c.
 398 —Fairy Blush. Immense globular flowers, are perfectly double, 10 to 13 inches in circumference.....10c.



- 399 —Chinese. Double dwarf, magnificent flowers; mixed colors.....5c.
 400 —Carnation. Double, splendid, large flowers; mixed colors, 2 feet... 5c.

RICINUS (CASTOR OIL PLANT)

The stately and imposing Ricinus, with its ornamental foliage and showy fruit gives a sub-tropical effect on the lawns, or for centre of beds with foliage plants, or where planted thickly will form a handsome screen or hedge.

- 401 Ricinus, Queen of Cambodia. The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size... 10c.
 402 —Spectabilis. A magnificent variety, tall growing with immense light green leaves; showy.....5c.
 403 —Gibsoni Coccinea. The stalks and leaves are of a bright metallic bronze color; often almost as red as fire.....10c.
 404 —Borboniensis. Large handsome green foliage; 8 feet.....5c.
 405 —Sanguineus. Deep red stalk, scarlet fru. 3 feet.....5c.
 406 —Zanzibarensis, “Giant of Africa.” The enormous bronzy green leaves are fully 2½ feet broad, beautifully lobed; the whole plant has a distinct and novel appearance.....10c.



ROSE 407 "Little Midget." These little roses are only about an inch across, usually very double but occasionally semi-double and seldom single. They are borne in many-flowered clusters, and contain all the tints of cultivated roses. What is most remarkable, these "Little Midget" roses grow only 10 inches high, and commence blooming a few weeks after germination. The seeds should be sown in boxes in the house or hot frame.....10c.

RHODANTHE A charming everlasting flower of great beauty, a very compact and ornamental plant, producing a beautiful effect in beds or ribbons; its silvery, rose-tinted flowers are in great demand for winter decoration. *Half-hardy annual*.

408 *Rhodanthe, mixed*.....5c.

SCHIZANTHUS (BUTTERFLY FLOWER). In this charming variety we have one of the finest annuals in cultivation. The flowers are as handsome as some orchids. *Half-hardy annual*.

409 *Schizanthus, fine mixed*.....5c.

410 —*Wistoniensis*. Largely used as a pot plant. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms.....25c.



SALVIA BONFIRE

SALPIGLOSSIS Beautiful plant, varied colors; 1 to 2 feet. Start in hot-bed; transplant in rich soil. *Half-hardy annual*.

411 *Salpiglossis, Giant Emperor*. Flowers very large, borne on a straight stem.....10c.

412 —*Purple and Gold*. Flowers velvety purple, veined with gold.....10c.

413 —*Large Flowering, mixed*.....5c.

SALVIA (FLOWERING SAGE). One of our handsomest summer and autumn flowering plants when they are literally ablaze with brilliant flowers; very effective for massing on the lawn or for ribbon beds. Seed should be sown early in a hot-bed, 3 feet. *Half-hardy perennial*.

414 *Salvia Patens*. The purest and brightest of all blue flowers; height 2 feet. (For greenhouse culture).....20c.

415 —*Splendens* (Scarlet Sage). Scarlet.....10c.

416 —*Coccinea*. Deep crimson, 8 inch.....5c.

417 —*Lord Fauntleroy*. The plant blooms early and blazes in dazzling scarlet all through the summer and fall, and cannot be excelled for decorative purposes.....10c.

418 —*Bonfire*. A splendid dwarf variety with large erect spikes of rich scarlet flowers; height, 2 feet.....10c.

SMILAX (MYRSIPHYLUM). Perennial tuberous-rooted climber, with dark, glossy foliage and small white flowers, 6 to 10 feet.

419 *Smilax Asparagoides* (BOSTON SMILAX). Pkt.....10c.

SOLANUM (JERUSALEM CHERRY). It is well adapted for garden or pot culture, bearing numerous little red fruit, which remain on for a long time and look very ornamental.

420 *Solanum Capsicastrum*, 1½ feet.....10c.

STEVIA SERRATA 421 Most desirable for the garden, for ribbon lines in summer bedding. Its foliage is variegated white and light green. The flowers are small, pretty and white, though inconspicuous because of the white effect of the foliage.....10c.

SUNFLOWER or HELIANTHUS

The *Helianthus* or Sunflower is an old and well-known flower. Many of the new and best double varieties are attractive, and produce a fine effect among shrubbery, or when used as screens, growing from 4 to 6 feet in height. *Hardy annual*.

422 *Helianthus Californicus*, fl. pl. Extra large and very double flowers. 4 to 5 feet high.....5c.

423 —*Globe of Gold*. Flowers immense, from 12 to 15 ins. in diameter, globular and extremely double. 4 feet high.....10c.

424 —*Silver Queen*. The whole plant is covered with dense silver white foliage, the flowers are numerous, single, with jet black centre, 6 feet.....10c.

425 —*Cucumerifolius* "Stella." Grows from 3 to 4 feet high, and differs from the Miniature Sunflower by its larger and better formed flowers of the purest golden yellow with black disk. The flowers measure from 2½ to 3 inches across.....10c.

426 —*Dwarf Double Flowering*. Grows about 4 feet high and produces a large, double flower on the top of the stalk and one on each leaf joint, which latter are borne on a short stem.....10c.

427 —*New Chrysanthemum Flowered*. Magnificent flowers, 6 to 8 inches in diameter, densely double, showing no centre. The petals are long and beautifully slashed and fringed; color, rich orange; the plants 5 to 6 feet high.....10c.

428 —*Macrophyllus Giganteus*. Grows from 5 to 6 feet high, producing single flowers 18 inches in diameter.....5c.

RED SUNFLOWER (HELIANTHUS CUCUMERIFOLIUS PURPUREUS)

429 —A Sunflower whose flowers show the red colors so much desired and sought for. The whole scale of colors from light pink to deepest red is to be found in these new Hybrids. The diversity of forms of these red Sunflowers is as interesting as beautiful. Straight and flat petals vary with twisted and pointed ones, which on their part appear colored in various shades of red, forming often a distinct circle of yellow ground around the dark disk. 3 feet.....20c.



RED SUNFLOWER

SCABIOSA (MOURNING BRIDE OF SWEET SCABIOUS)

One of the handsomest summer border plants, producing profusely double flowers in a variety of shades and colors; splendid for table bouquets. *Hardy annual.*

- 430 Scabiosa "Snowball" (Candidissima Alba Plena). Double pure white flowers, excellent for florists' use; 2 feet. 10c.
 431 —New Large Flowering. Flowers extremely large, averaging 3 inches across and very double; one of the finest hardy annuals. Finest mixed. 10c.
 432 —Nana, Fl. Pl. Dwarf, flowers extremely double; 1 foot, mixed. 5c.
 433 —Tall, Mixed. Double, all colors; 2 feet. 5c.

SWEET SULTAN (CENTAUREA MOSCHATA). A free-flowering very effective hardy border plant. The flowers have a delicate honey perfume, and are highly prized for bouquets. *Hardy annual.*

- 434 Sweet Sultan. Mixed colors. 5c.

STOCKS (TEN WEEKS)

The Stock is one of the many popular plants, either for bedding or pot culture; for brilliancy and diversity of color, or profusion and duration of bloom it is unsurpassed. Of delightful fragrance. For early flowering start the seed in a greenhouse or hot-bed, and transplant into the garden in May, after all danger of frost is over. *Half-hardy annual.*

Large Flowering Ten Weeks Stock

- 435 Stocks, Blood Red. 10c. 438 —Purple. 10c.
 436 —Crimson. 10c. 439 —Pure White. 10c.
 437 —Light Blue. 10c. 440 —Bright Pink. 10c.
 441 —Mixed, Large Flowering. All choice double large flowering. 10c.
 442 —Dwarf, German, Ten Weeks, Mixed. 5c.
 443 —Snowflake Improved. A beautiful dwarf-growing variety; very large double snow-white flowers. 15c.
 444 —Princess Alice (Cut and Come Again). A fine perpetual blooming Stock, growing about 2 feet high, bearing clusters of very double pure white fragrant blossoms. 10c.
 445 —East Lothian, White. These are prized on account of their flowering late in Autumn. They can be removed to the house for blooming during the winter. 10c.
 446 —East Lothian, Finest Mixed. 10c.
 447 —"Beauty of Nice." A very conspicuous and handsome new winter Stock of quick growth, with flowers of very large size. The color is a very pleasing daybreak pink. Under good culture the plants will grow 24 to 30 ins. high. The seedlings will bloom in ten weeks, and if the seed is sown by the end of May the plants will bloom in September, when cut flowers begin to get scarce, and continue to bloom during the winter. Pink. 10c.
 448 —"Beauty of Nice." White. 10c.

TROPÆOLUM Splendid climbers for house and garden; bloom freely and are of easy cultivation.

- 449 Tropæolum Canariensis, or Canary Bird Flower. One of the most charming climbers, bearing an abundance of bright yellow fringed flowers, 10 feet. 5c.

THUNBERGIA Free-flowering handsome twiners of rapid growth; the beautiful foliage and showy flowers are both greatly admired. The colors are delicate and beautiful. Splendid for hanging baskets or window boxes. *Half-hardy annual.*

- 450 Thunbergia. Mixed colors. 5c.

VIRGINIAN STOCK Hardy, low-growing, profuse, fragrant-flowering annuals, for edges, small beds, or for pot culture.

- 451 Virginian Stock. Red and white mixed. 5c.

VINCA (PERIWINKLE OR CREEPING MYRTLE). Ornamental free-blooming plants for bedding. They flower from seed the first season, continuing until frost, or they may be potted and kept in bloom through the winter; a fine cut flower; 2 feet.

- 452 Vinca Alba. Pure white. 10c. 453 Vinca Rosea. Rose, dark eye. 10c.

WALLFLOWER Prized for their long continuance in bloom and delicate odor of flowers. Single and double varieties of various shades of golden yellow, red and dark bronze. *Half-hardy perennial.*

- 454 Wallflower, Double German, fine mixed. 10c.

- 455 —Harbinger. Autumn and winter flowering Wallflower, flowers brown. 5c.

- 456 —Single, splendid mixed; 1½ feet. 5c.

Wahlenbergia or Platycodon

A new tender perennial from Japan producing all summer an abundance of star-shaped flowers 3 inches across, of beautiful blue and white colors. It lives and blooms for years, increasing in size and beauty, and will flower the first season from seed: 3 ft. high.

- 457 Wahlenbergia, mixed. 5c.



ZEA (MAIZE). Plants with beautifully-striped ornamental foliage. *Hardy annual.*

- 458 Zea, Japonica Variegata. Green and white striped, oz., 15c. 5c.

XERANTHEMUM Showy everlasting flowers of the earliest culture, splendid in bouquets of dried flowers. Sow in the open border as soon as the ground gets warm. *Hardy annual.*

- 459 Xeranthemum, Mixed. Finest colours; 1½ feet. 5c.



LARGE-FLOWERING TEN-WEEK STOCKS

Mammoth Verbenas

This distinct and beautiful race is worthy of a place in every garden. The average trusses measure 6 to 8 inches in circumference and the individual florets on properly grown plants over 1 inch across, or larger than a 25c. silver piece. They bloom freely, are vigorous in growth and contain beautiful new colors and shades. For garden beds and massing these Verbenas are unrivalled; flowers of the most brilliant colors produced continually from spring until late in the autumn. Although perennials, these form luxuriant plants and bloom the first season from seed.

- 469 **Verbena, Mammoth.** This distinct and superb class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully 1 inch in diameter, with clearly defined margins and white eyes, fine form and delicate shading. Mixed colors, $\frac{1}{4}$ oz., 50c.; pkt. 15c.
- 461 —**New Golden Leaved.** Flowers same as the ordinary; colors ranging through various shades; the golden yellow foliage is very effective. Mixed. 10c.
- 462 —**Lemon Scented.** The delicious lemon fragrance of the leaves is very refreshing and pleasant. 10c.
- 463 —**Sweet Scented.** This lovely sweet-scented Verbena can be sown in the open ground early in the spring, and will in a few weeks produce a profusion of beautiful, pure white spike-shaped heads of bloom 3 to 4 inches long. 10c.
- 464 —**Coerulea.** Large blue flowers. 10c.
- 465 —**Scarlet Defiance.** True, brightest scarlet, intensely rich. 10c.
- 466 —**Rosea.** Light pink. 10c.
- 467 —**Pure White (Candidissima).** 10c.
- 468 —**Extra Fine Mixed.** From fine named sorts; $\frac{1}{4}$ oz., 30c.; 10c.
- 469 —**Choice Mixed Colors.** $\frac{1}{4}$ oz., 20c. 5c.

Zinnia Elegans

For gorgeous summer and autumn display there is nothing that can equal in effectiveness the improved, compact-growing, large-flowering Zinnias; growing only 2 ft. high and bearing flowers of immense size, perfectly double, showing no centre, and as perfect in form as Dahlias.

- 470 **Zinnias, Mammoth Flowering.** This is by far the largest Zinnia in cultivation. The plant forms a handsome bush about 3 feet high, which is clothed with luxuriant foliage and blooms during a long period. The perfectly formed, very double flowers are of various striking colors, clear and vivid. 10c.
- 471 —**Zebra.** A very pretty strain of striped flowers. As the colors vary on each plant, they present a curious as well as a beautiful appearance. 10c.
- 472 —**Pure White.** With handsome white flowers. 5c.
- 473 —**Dwarf Scarlet.** Double fiery scarlet flowers. 5c.
- 474 —**Double Crimson.** Flowers very double. 5c.

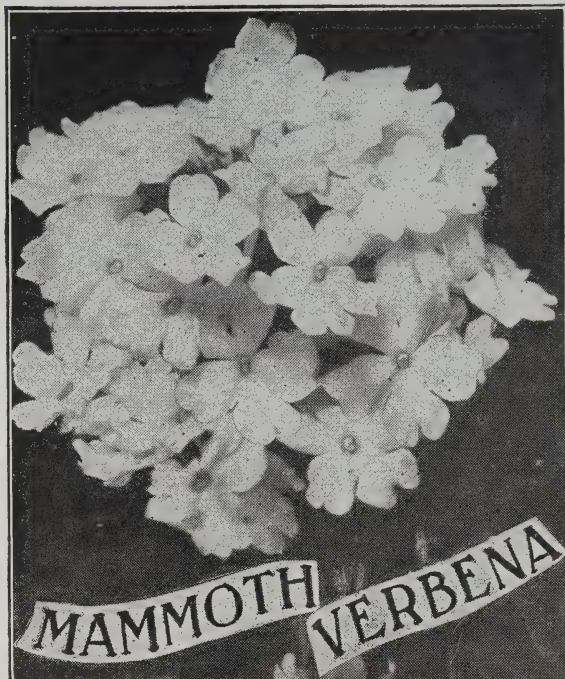
Ornamental Grasses

- 481 —**Agrostis Nebulosa.** A bed of it has a beautiful wavy appearance. $1\frac{1}{2}$ feet high. 5c.
- 482 —**Avena Sterilis (Animated Oats).** Ornamental, 4 feet. 5c.
- 483 —**Briza Maxima (Large Quaking Grass).** $1\frac{1}{2}$ feet. 5c.
- 484 —**Bromus Brizaeformis.** 1 foot. 5c.
- 485 —**Coix Lachryma (Job's Tears).** Tender, $2\frac{1}{2}$ feet. 5c.
- 486 —**Purple Fountain Grass.** (Pennisetum Ruppelianum). The leaves are narrow, long and arch gracefully, forming a perfect fountain. Its effectiveness is enhanced by feathery purple heads. 10c.
- 487 —**Lagurus Ovatus (Hare's Tail Grass).** $1\frac{1}{2}$ feet. 5c.
- 488 —**Stipa Pennata (Feather Grass).** The white, wavy tops of this grass preserve their beauty a long time. 2 feet. 5c.

Special Mixtures of Flower Seeds

Many persons derive pleasure from watching the growth of a varied bed of flowers entirely out of the usual trim garden style, while others desire a much more extended collection.

- 489 **Mixture of Everlasting Flowers.** Bloom the first season and if cut as soon as the flowers are open and hung to dry are useful for mixture with grasses for winter decoration. 10c.
- 490 **Mixture of Fragrant Annuals.** Carefully made up from seeds of fragrant flowers only. Some are suitable for cutting. 10c.
- 491 **Mixture of Climbers.** A liberally filled packet of seeds of many beautiful annual climbers. 10c.
- 492 **Mixture of Ornamental Grasses.** All annual varieties; many really handsome in growth, and all of them desirable for house decoration. 10c.
- To those who cannot bestow the necessary care required in a neatly laid out flower garden, the "Wild Garden" presents a substitute, which for its unusual and varied effect, for cheapness and small amount of labor necessary for its construction, has no rival. We have had many satisfactory evidences of the estimation in which the "Wild Garden" is held from those who used our seed during the past 30 years.
- 493 **"Wild Garden Seeds"** are a mixture of over 100 varieties of hardy flower seeds mixed together, and wherever planted will ensure something new almost every day. Per oz., 20c.; per large packet. 5c.



- 475 **Zinnias, Golden Yellow.** Flowers large and of perfect shape; golden yellow. 5c.
- 476 —**White Fringed.** This new fringed Zinnia blooms quite as freely as the ordinary type. The colors so far are only pink and white. 10c.
- 477 —**Pink.** A pleasing shade. 5c.
- 478 —**Extra Choice Mixed.** Saved from selected double flowers. 5c.
- 479 —**Double Lilliput.** These make dwarf, compact bushes covered with flowers of refined form, smaller than those of the above Zinnias, in a wide range of colors. 10c.
- 480 —**Curled and Crested.** A beautiful strain of this popular plant, petals being twisted, curled and crested into the most fantastic and graceful forms. 10c.



MAMMOTH ZINNIA



Perennial Flower Seeds

Concise cultural directions are printed on every package. This important class of Flowers are quite easily grown and well reward the care taken.

ACONITUM NAPELLUS (MONK'S HOOD). 494 A showy, free-blooming plant, which thrives well under trees, shrubs, and in other shaded situations; mixed blue and white. 5c.

ALYSSUM 495 Golden Saxatile. Very hardy, free-blooming dwarf plants, growing readily in common garden soil. Flowers brilliant golden yellow, completely hiding the foliage. 5c.

ANTIRRHINUM (SNAPDRAGON). One of the very best of our perennials. Spring-sown seedlings will blossom in beds or borders the first season. By removing a portion of the flower stem in the summer, the plants will throw up young shoots for autumn, making plants that will endure almost any winter.

496 Antirrhinum Major. Choice colors, mixed. 2 feet. 10c.
497 — Giant Flowering. The flowers are nearly double the size of the older sorts. Mixed colors. 10c.

498 — Tom Thumb. Mixed. 1-2 feet. 5c. 499 — Tom Thumb. White. 10c.
500 — Queen of the North. A most beautiful white Snapdragon; each plant will occupy from 1 foot to 18 inches. 10c.

AQUILEGIA (COLUMBINE). The odd and peculiar formation of the flowers of the new and double sort renders them well worthy of cultivation. They embrace a great variety of colors, exceedingly showy, and rank among the best plants for early summer blooming.

501 Aquilegia. Choice mixed, double varieties. 2 feet. 5c.
502 — Chrysantha. Canary colored (Golden Spur) extra. 10c.
503 — Grandiflora Alba. White extra. 10c.

ARABIS (ROCK CRESS). 504 Charming white spring flower; very early; perfectly hardy; dwarf trailing habit. 5c.

AMPELOPSIS VEITCHII (BOSTON OR JAPAN IVY). 505 Valuable hardy perennial climber, clinging to walls of brick or stone; foliage dense, of glossy green, changing to red and yellow in the autumn. 30 feet. 10c.

ASPERULA 506 *Asperula Odorata* "Woodruff." This charming little plant, which blooms in May and is a hardy perennial, delights in shady situations, and is used for border planting. 10c.

AURICULA 507 A dwarf-growing plant bearing umbels of fragrant flowers of many rich and beautiful colors. Extra choice mixed, from a prize collection. 25c.

PERENNIAL ASTER (OR MICHAELMAS DAISY). These hardy perennials are easily raised from seed, and if sown early in spring are likely to bloom the first season. They grow readily in any good garden soil, and are very attractive autumn-flowering plants.

508 Perennial Aster. Finest Mixed. 10c.

CAMPANULA (CANTERBURY BELL). The well-known, popular, large, bell-shaped flower known everywhere as Canterbury Bell, is a biennial Campanula.

509 Campanula. "Cup and Saucer." A beautiful variety; a most desirable and attractive addition to the class of old garden favorites. The bell or trumpet is nearly 4 inches in diameter, presenting the form of a saucer. Perennial. 10c.

510 — Media (Canterbury Bell). Large flowering single varieties; mixed; 2 feet. 10c.

511 — Double. Choice mixed. 5c.

CARNATION 512 — Double Mixed. Producing many double flowers of all shades and colors. 10c.

513 — Vienna Dwarf. The best garden sort, which produces a large percentage of double, very sweet-scented flowers in the largest variety of colors. With a light protection of straw they will stand our winter. 10c.

COREOPSIS Seeds grow very readily and may be sown where plants are to flower. They usually grow 3 feet in height, and should be given plenty of room to spread.

514 Coreopsis *Lanceolata Grandiflora*, "Harvest Moon." It is of very strong growth and compact habit; bears sprays of large, beautiful flowers of a rich golden yellow in greater profusion than the old variety. 10c.

515 — *Lanceolata Grandiflora*, "California Sunbeams." The petals are broad, with plain round edges in some flowers, in others they are pinked, toothed or irregularly fringed; some are semi-double and many the petals are daintily curled. They vary in color from pale light yellow to orange yellow, some of them being darker in shade around the eye. 10c.

CLEMATIS Rapid growing climbers, fine for arbors and verandahs. The flowers are very handsome, and are continually in bloom. Hardy perennial in Eastern Canada and British Columbia. 15 feet.

516 Clematis, Large Flowering. Mixed (Jackman's). Flowers 3 to 4 inches across; of charming shades of blue, white, purple, etc. 25c.

517 — *Paniculata*. Of robust habit and covered from the ground to the summit with pure white fragrant flowers freely produced, completely hiding the foliage. 10c.

PERENNIAL CANDYTUFT 518 *Iberis Sempervirens*. Handsome, compact-growing, hardy perennial plants for permanent clumps or beds; valuable for early decoration; white; 1 foot. 10c.

CHRYSANTHEMUMS PERENNIAL VARIETY. 519 *Chrysanthemum, Inodorum, Double White*. A perennial sort, flowering the first season from seed, and producing fine white double flowers; splendid for cutting for house decoration. 10c.

HARDY GARDEN PINKS (DIANTHUS). These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

520 *Dianthus Plumarius* Fl. Pl. Double and semi-double; mixed colors. Perennial. 10c.

521 — *Plumarius Albus* Fl. Pl. Pure white, double, very fine. Perennial. 10c.

EDELWEISS (GNAPHALUM LEONTOPODIUM). 522 An improved strain of the old variety; the flowers are much larger and borne in great profusion. They are of downy texture, silver white and star shaped. Succeeds in any soil not too rich and with full exposure to the sun. 10c.

DIGITALIS (FOX GLOVE). 523 Ornamental plants of much beauty, producing dense spikes of flowers on stems 3 to 5 feet high. The blossoms are thimble-shaped, purple, white and spotted, and very striking. Seed can be sown in spring or autumn. Hardy biennial. Fine mixed colors. 5c.

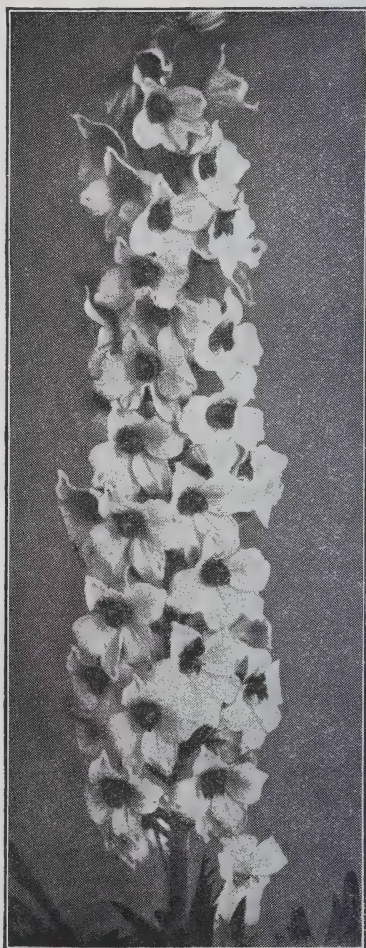
DELPHINIUM The hardy perennial Larkspurs are remarkable for their great beauty and highly decorative qualities. The principal color is light blue, shading to the darkest purple, also scarlet and white.

524 Delphinium *Cashmeranum*. Dark blue monk's hood-like flowers. 10c.

525 — *Zallii* (Hardy Yellow Larkspur). Pure sulphur yellow. 10c.

526 — *Grandiflorum* Double. Charming color ranging through shades of blue from delicate porcelain and white to dark violet. 10c.

527 — Finest Mixed Perennial Sorts. Saved from choice collections of double flowered varieties 5c.



DELPHINIUM

GAILLARDIA Beautiful showy plant, giving profusion of brilliant flowers during the summer and autumn fine for cutting. *Hardy perennials.*

528 **Gaillardia, "James Kelway."** The most beautiful variety grown; immense single flowers of dazzling crimson scarlet with narrow gold edge. *Hardy perennial.* 2 feet. 10c.

529 **New Perennial Hybrids.** *Perennial.* Produces abundance of flowers all the summer. Mixed colors. 1½ feet. 10c.

GYPSOPHILA (INFANT'S BREATH). Graceful, free-flowering plant, forming a symmetrical bush, covered with loose panicles of flowers; excellent for cutting.

530 **Gypsophila, Paniculata.** White, free bloomer; excellent for cutting. *Hardy perennial.* 2 feet. 5c.

HOLLYHOCK

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

The seed offered under the following varieties has been saved from the finest double flowers only and is sure to produce satisfactory results.

531 Hollyhock, Chater's Double, Rose. 10c.	535 —Crimson. 10c.
532 —White. 10c.	536 —Pale Yellow. 10c.
533 —Blood Red. 10c.	537 —Purple and White. 10c.
534 —Canary. 10c.	538 —Double, very fine mixed. 10c.
	Collection, 7 distinct colors. 60c.

LATHYRUS LATIFOLIUS (PERENNIAL PEA) Handsome, free flowering, hardy climber of great beauty, with clusters of elegant, sweet pea-like flowers in great profusion; 6 feet.

539 Lathyrus. Finest mixed. 5c.
540 —Albus. Pure white, elegant. 10c.
541 —Splendens. Rich scarlet. 5c.
542 —Pink Beauty. 10c.

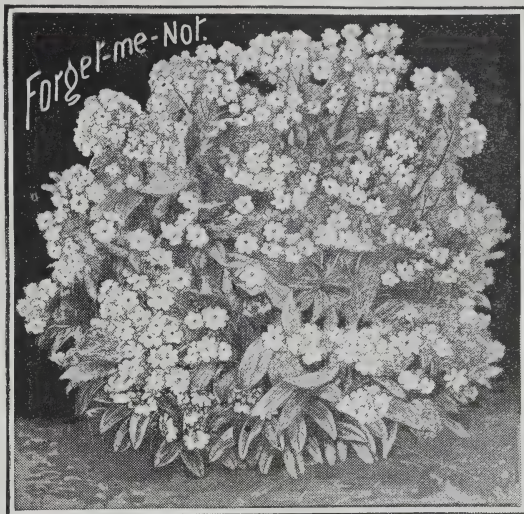
LOBELIA 543 **Cardinalis.** A half-hardy perennial herbaceous plant of very stately and handsome appearance, producing an abundance of large, intense scarlet flowers on a long and tender stem. 10c.

LUPINUS 544 **Polyphyllus Mixed.** Showy perennials, growing stout and erect, and producing long racemes of pea-like flowers in great variety of colors. 5c.

LYCHNIS 545 **Chalcedonica** (BURNING STAR). Flowers, which are of the most fiery red imaginable, appear in clusters, each individual blossom forming a perfect maltese cross. Will bloom from seed the first year. 5c.

LINUM or FLAX A genus of most beautiful free-flowering plants; their brilliancy of color and long duration of bloom being surpassed by none.

546 **Linum, Flavum.** Golden yellow. 10c.



MYOSOTIS The popular "Forget-Me-Nots" are perennials and hardy enough to remain in the open ground, except in very cold latitudes, where they should be well protected, but they are generally sown in the fall and wintered over in cold frames, when they will flower early in the spring.

547 Myosotis Palustris (The True Forget-Me-Not). White and blue; very attractive. 10c.
548 —The Jewel. The color is a remarkable sky-blue. 10c.
549 —Victoria. The flowers are large, and of a bright azure blue with yellow centres. 10c.
550 —Alpestris. Blue, 6 inches. 5c.
551 —Dissitiflora. Large sky-blue flowers. 10c.

ICELAND POPPIES (PAPAVER NUDICAULE). While these are perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful, neat habit, with bright green fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting.

552 Poppy, Bright Yellow 10c.
553 —Pure White. 10c.
554 —Orange Scarlet. 10c.
555 —Finest Mixed. All colors. 10c.

PYRETHRUM Flowering Sorts. Stems 2 feet high and very numerous, each surmounted with handsome flowers in bright colors. *Hardy perennial.*

556 **Pyrethrum Hybridum.** Flowers large, yellow rose, white. 10c.

PENTSTEMON Few hardy plants surpass Pentstemons. They bloom in June and continue until late in the fall. Flowers are half-pendant, bell-shaped, marked and marbled in beautiful shades.

557 **Pentstemon.** Mixed Hybrids. 10c.

POPPY 558 **Oriental** (THE LARGE ORIENTAL POPPY). A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large, deep crimson flowers, having a conspicuous black blotch on each petal; exceedingly showy. 10c.

HARDY PERENNIAL PHLOX 559 (P. DECUSATA). A hardy, herbaceous perennial and quite distinct from the varieties of Phlox Drummondii, which are annuals, offered above; all colors mixed; saved from our own unequalled collection. It is best to sow this as soon as gathered in the autumn. 10c.

SWEET ROCKET 560 A very interesting, useful and free-flowering plant. Blooms early; it remains beautiful for a long time in beds, ribbons, etc.; is much admired for the fragrance of its flowers. 5c.

SCABIOUS 561 —Caucasica. **Perennial Scabious.** Handsome hardy perennials, forming a spreading and dense plant 2 to 3 feet high, thriving well in ordinary garden soil, and should be grown by everyone, if only for its flowers for cutting, as they last a long time in water, and their peculiar soft lilac blue shade is charming. 10c.

SWEET WILLIAM A beautiful and favorite class of plants of extreme richness and diversity of color; very large and almost perfect in form, with trusses of great size. *Hardy perennial.*

562 **Sweet William** (DIANTHUS BARBATUS). Finest mixed, 1½ feet. 5c.

563 —Auricula Flowered. Flowers of great size and beautifully eyed; mixed colors, 1½ feet. 10c.

VERBENA 564 **Venosa.** A handsome hardy perennial, producing purple flowers; remains in bloom a long period. Height 6 inches. 10c.

VIOLET The violet is perfectly hardy and should not be wanting in any garden on account of its early appearance, delightful fragrance and profusion of bloom. Seed very slow in germinating. *Hardy perennial.*

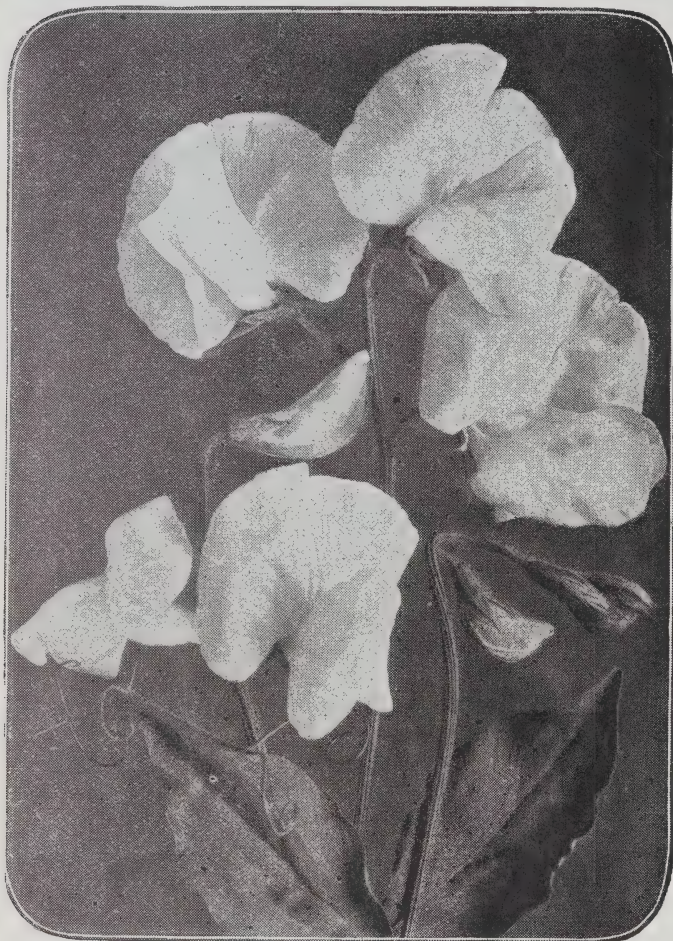
565 **Violet** (English). Dark blue. 10c.

566 **Violet** (English). White. 10c.



THE BEST VARIETIES SWEET PEAS

The seed should be sown as early as the ground can be worked in the Spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench 6 inches deep; in this sow the seed and cover 2 inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continuously through the heat of summer. As flowers come into full bloom or fade they should be cut off, for if the pods are allowed to seed the plant will stop blooming.



WHITE SORTS

- 700 —Dorothy Eckford. One of the best pure whites. Semi-hooded; of the best form, with large wings and standard. $\frac{1}{4}$ lb., 50c.; oz., 20c. Pkt., 5c.
 701 —Emily Henderson. Pure white. Large size, open form, thick stems, blooms profusely and grows vigorously. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 702 —Mount Blanc. Pure white, open form, very early. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 703 —Nora Unwin. Pure white, very large, open, wavy form. One of the finest. $\frac{1}{4}$ lb., \$1.50; oz., 50c.; Pkt., 15c.
 704 —Phenomenal. White shaded and edged lilac. $\frac{1}{4}$ lb., 50c.; oz., 20c. Pkt., 5c.
 705 —Shasta. Pure white, very large, open form. Petals wavy. $\frac{1}{4}$ lb., 50c.; oz., 20c.; Pkt., 5c.

LIGHT PINK

- 706 —Prima Donna. Pure pink, self-colored, $\frac{1}{4}$ lb., 50c.; oz., 20c. Pkt., 5c.
 707 —Queen of Spain. Soft buff pink, self color, medium size, hooded form. The tendrils, stems and calyx are tinged with brown. $\frac{1}{4}$ lb., 50c.; oz., 20c. Pkt., 5c.
 708 —Gladys Unwin. Clear bright, light pink, almost self-colored, but a little deeper at the edges. $\frac{1}{4}$ lb., \$1.50; oz., 50c.; Pkt., 15c.

ROSE SHADES AND PINK

- 709 —Apple Blossom. Standard crimson pink, shaded deeper at mid-rib to lighter at edges. Wings white, tinged shaded pink. $\frac{1}{4}$ lb., 50c.; oz., 20c. Pkt., 5c.
 710 —Extra Early Blanche Ferry. Very early; almost identical with "Earliest of All." $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.

ORANGE PINK OR SALMON

- 711 —Bolton's Pink. Veined with rose; large size, semi-hooded form. A beautiful flower. $\frac{1}{4}$ lb., 50c.; oz., 20c. Pkt., 5c.
 712 —St. George. Scarlet orange, self waved. $\frac{1}{4}$ lb., 50c.; $\frac{1}{4}$ lb., \$1.50; oz., 20c.; Pkt., 15c.

LIGHT LAVENDER AND MAUVE

- 713 —Lady Grisel Hamilton. Standard light mauve, wings lavender, large size, hooded form. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 714 —Mrs. George Higginson, Jr. Light lavender, almost azure blue, and nearly free from any tint of mauve. $\frac{1}{4}$ lb., 50c.; oz., 20c.; Pkt., 5c.

BRIGHT RED

- 715 —King Edward VII. Bright red or crimson scarlet, almost self-colored, open form. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 716 —Salopian. Pure red, self-colored. Large size, hooded form. Color is clear and bright. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 717 —Queen Alexandra. Bright scarlet red; almost true scarlet; self-colored, medium large, semi-hooded form; holds its color well. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.

EARLY FLOWERING SWEET PEAS

These types of Sweet Peas flower two to three weeks earlier than the ordinary variety, are dwarfer in habit and are splendid for forcing in the greenhouse for early cutting.

- | | | | |
|--|------|------|-------------------|
| 729 —Christmas Pink. The earliest and most profit-able Pink Sweet Pea in cultivation. | Pkt. | Oz. | $\frac{1}{4}$ lb. |
| 730 —Christmas Meteor. Scarlet, fine open flower. | 10c. | 25c. | 60c. |
| 731 —Christmas White. A companion to the Christmas Pink, a free and profuse bloomer. | 10c. | 25c. | 60c. |
| 732 —Florence Denzer. Pure white, very early. | 10c. | 25c. | 60c. |
| 733 —Earliest of All. Standard rose; wings white, lightly tinted with pink. | 10c. | 25c. | 60c. |
| 734 —Mrs. Wm. Simm. Salmon pink. | 10c. | 25c. | 65c. |
| 735 —Mrs. F. J. Dolansky. Daybreak pink. | 10c. | 25c. | 60c. |
| 736 —Mrs. Chas. H. Totty. Sky blue. | 10c. | 25c. | 60c. |
| 737 —Earliest White or Snowbird. Pure white. | 10c. | 25c. | 60c. |
| 738 —Mrs. Alex. Wallace. Very early; pinkish lavender | 10c. | 25c. | 60c. |

CUPID SWEET PEAS

- 739 —Beauty Cupid. Standard bright rose pink; wings either pure white or blush. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 740 —White Cupid. Pure white flowers. $\frac{1}{4}$ lb., 60c.; oz., 25c.; Pkt., 10c.
 741 —Cupid Mixture. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 742 —STEELE, BRIGGS' "SPENCER HYBRIDS," GOOD MIXED. Composed exclusively of Spencer Hybrids, a new race of Gigantic Orchid Flowering Sweet Peas, a type which having an open keel hybridise easily and have produced many exquisite colors and shades. The blossoms frequently measure two inches across. 1 lb., \$3.00; $\frac{1}{4}$ lb., 90c.; oz., 30c. Pkt., 10c.
 743 —Steele, Briggs' Best Mixture Sweet Pea is mixed by ourselves from the best varieties. 1 lb., \$1.75; $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 744 —Eckford's Superb Large Flowering Mixture. 1 lb., \$1.35; $\frac{1}{4}$ lb., 45c.; oz., 20c. Pkt., 5c.

CERISE AND CRIMSON

- 718 —Coccinea. Pure cherry red, self-color, semi-hooded form. It is a distinct new shade, very bright and effective. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.

LIGHT PURPLE, MAUVE AND BLUE

- 719 —Mrs. Walter Wright. Rose purple, self-colored, changes to slightly bluish purple as it fully matures; large size, hooded form. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 720 —Frank Dolby. Pinkish mauve and lavender. $\frac{1}{4}$ lb., \$1.50; oz., 50c. Pkt., 15c.

BLUE AND PURPLE

- 721 —Helen Pierce. Very unique, being pure white, veined, mottled and marbled with bright blue. A large and beautiful flower. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 722 —Countess of Cadogan. Standard opens nearly purple, but soon changes to lilac and blue; wings bright blue. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 723 —Duke of Westminster. Standard clear purple; wings purple with tint of violet. Large size, hooded form. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.

MAROON, INDIGO AND VIOLET

- 724 —Black Knight. Deep maroon, veins almost black. Practically self-colored. One of the darkest. Large size, open form. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 725 —Blackbird. Deep violet maroon, self-color. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 726 —Horace J. Wright. Standard violet maroon; wings violet. $\frac{1}{4}$ lb., 50c.; oz., 20c. Pkt., 5c.
 727 —Shahzada. Standard deep maroon; wings dark violet. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.
 728 —Lord Nelson. Similar to Navy Blue, but deeper. $\frac{1}{4}$ lb., 60c.; oz., 25c. Pkt., 10c.

Summer Flowering Bulbs and Roots

Planted in the Spring will bloom the same Summer

AMARYLLIS, or Knights Star Lily

An interesting class of plants, desirable for growing in pots, producing showy, lily-shaped flowers, which are very attractive and handsome. The bulbs should be potted in light, sandy loam, with good drainage. They are of vigorous growth and will repay the care required, being almost sure to bloom the first season. If planted outside after spring flowering they make a good growth and are ready for a second blooming in the fall. They require abundant moisture when growing, but at the season of rest water should be given sparingly.

Amaryllis Johnsonii (Barbadoes Spice Lily). This magnificent bulbous plant throws up an 18-inch spike bearing from 2 to 6 flowers, averaging from 4 to 6 inches across, of a bright, rich red color, with a white stripe down each petal; it also has a rich spicy fragrance; it is robust, luxuriant and the earliest Amaryllis; prolific bloomer of easy culture. Extra large bulbs, each, 50c.; large, 30c.

—**Formosissima** (Jacobean Lily). Intense crimson flowers, with most charming and graceful appearance. The bulbs are dormant during winter, and can be kept like Dahlias. Each, 10c.; dozen, \$1.00.

—**Vallota Purpurea**. A beautiful pot plant, requiring similar treatment to the Gladiolus. It sends up a flower stem about 18 inches in height, bearing from 4 to 8 handsome scarlet flowers. Very easy of cultivation. Each, 35c.; 4 for \$1.00.

THE BEST IS
THE CHEAPEST



AMARYLLIS VALLOTA PURPUREA

APIOS TUBEROSA (TUBEROUS-ROOTED WISTARIA)

Apios Tuberosa. One of the grandest and most beautiful climbing vines in cultivation. It grows very quickly and attains a great height, making, with its dense foliage and beautiful flowers, a most attractive screen. In vine and foliage it resembles the common Wistaria. It blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a strong, delicious, violet fragrance. Plant the bulbs near a trellis, fence, tree or wherever a rapid growing climber is desired. The bulbs are hardy but should be taken up over winter. Bulbs, each, 8c.; dozen, 75c.

BEGONIA, ERECTA CRISTATA (MIXED COLORS)

This is a very interesting single-flowered strain of the tuberous-rooted Begonia. The flowers are large and extremely varied in color, including rare shades of copper red. Yellow, pink, etc., also occur. The most characteristic feature, however, is the curiously bearded or crested petal. Height, about 1 foot. Excellent for pot plants or garden bedding, blooming all summer. The strain is quite unique. Bulbs, each, 20c.; dozen, \$2.00.

BEGONIAS (TUBEROUS-ROOTED)

Every succeeding year, as this class of Begonias becomes better known, the demand for it keeps increasing. All of the varieties are beautiful, many of them charming. The flowers of all of them are much larger than those produced by any of the other sorts, and some of them bear flowers of an almost incredible size. Not infrequently we see them 4 inches in diameter. Furthermore, the numerous varieties produce many colors, varying through all the shades of crimson, scarlet, orange and yellow, and many are pure white. They are not grown to the extent they should be, as they require no more care than Geraniums, have as fine a range of color and will bloom continuously throughout the summer. Planted in the flower border, they rival the Geraniums with their rich and varied colors, the bulbs succeeding best in light, loamy soil, and a somewhat shaded situation. After blooming take up and treat same as Dahlias. If in pots, they can be gradually dried off in November by withholding water; when well dried out, put the pots containing bulbs in a dry, warm place until next April, when the roots can be shaken out and replanted for summer flowering as before.

Begonia, Single—Scarlet, white, salmon, yellow, rose and orange. Large bulbs, each, 12c.; any 3 for 30c.; dozen, \$1.00.

—**Double**—Scarlet, white, salmon, rose, yellow and orange. Large bulbs, each, 23c.; any 3 for 60c.; dozen, \$1.75.



BESSERA ELEGANS

Bessera Elegans, or Coral Drops. A summer flowering bulb, requiring the same treatment as the Gladiolus. It is a splendid companion to Milla Biflora, as it grows about the same height and makes with that lovely flower a pretty contrast. The flowers are one inch in diameter, drooping in clusters, fine scarlet, with a white band through the centre of each petal. Each, 10c.; dozen, \$1.00.

GIANT FLOWERING CYCLAMEN

Not only are the flowers of striking beauty, but the foliage is also highly ornamental; consequently they are very decorative even when not in bloom. Most of them are, moreover, delicately fragrant. The flowers of this magnificent strain are of extraordinary size for a Cyclamen, and of great substance. Leaves are proportionately large, and beautifully marked.

Cyclamen Giganteum Roseum—Rose color. **Giganteum Rubrum**—Crimson. **Giganteum Album**—White. Any of the above—each, 25c.; 3 separate colors for 60c.

"Dear Sirs:—The plants, etc., ordered by me were received Saturday noon, in splendid condition, and I had them all in by evening. I wish to thank you for having filled the order with such promptness. Yours truly,
A. R. M., Cornwall, Ont."



A BORDER OF BEGONIAS

CALADIUM ESCULENTUM, or "Elephant's Ears"

One of the most effective and easily grown plants for the lawn or flower border. Will thrive in any ordinary garden soil, but to get the best results plant in rich soil and give plenty of water. With such treatment a select size bulb will make a plant about 5 feet high, with leaves 3 feet long and 20 inches wide. Extra large Bulbs, each, 30c.; medium sized Bulbs, each, 18c.; doz., \$1.75, postpaid.

FANCY LEAVED CALADIUMS

A superbly ornamental foliage plant for greenhouse, conservatory, window boxes or for planting out-doors in a sheltered and shaded location. The leaves vary greatly in the richly colored variegation; very desirable for decorative purposes during the summer. The bulbs we offer are grown from one of the finest collections of named varieties. Mixed Bulbs, each 30c.; 3 for 86c. by mail postpaid.

WHITE CALLA LILIES

White Calla (Lily of the Nile). A well-known plant of easy culture, and in winter is one of our best window plants. The only special treatment it requires is abundance of moisture, this trait making it invaluable for aquariums, etc. Give the leaves an occasional spraying to clear from dust; water with tepid water, and keep in a warm room. To aid profuse blooming, keep them dormant during the fall, and re-pot in November. Each, 30c.; dozen, \$2.50.

NEW GOLDEN YELLOW CALLA

"Richardia Elliottiana."

Has the same habit of growth as the ordinary White Calla *R. Ethiopica*, with flowers of the same size and shape, but of a rich, clear, lustrous golden yellow color; the foliage is dark green with a number of translucent creamy white spots, which add to its beauty. We have been fortunate in securing a limited lot at a specially advantageous price. Large Bulbs, each, 75c.; small, 50c.



SPOTTED LEAF CALLA

Our Motto—"Quality First."



FANCY LEAVED CALADIUM

SPOTTED LEAF CALLA

Richardia Alba Maculata

This magnificent Calla gives excellent satisfaction; leaves deep, rich green, exquisitely ornamented with pure white marks; flowers pearly white, glossy black centre, easily grown. Each, 13c.; dozen, \$1.25.

CINNAMON VINE

A pretty, hardy, rapid growing vine, with neat, glossy cordate foliage. In mid-summer it bears clusters of tiny but fragrant flowers with an odor like cinnamon. A very pretty vine to train over a trellis or around a window. Each, 12c.; doz., \$1.20, postpaid.

MADEIRA VINE

A climbing, tuberous-rooted plant, known as "Climbing Mignonette." It is a rapid grower, with thick, dark-green glossy leaves and feathery racemes of fragrant white flowers in great abundance. Dozen, 40c.; 3 for 12c., postpaid.

MILLA BIFLORA

(Mexican Star Flower)

Milla Biflora. A beautiful Mexican summer-blooming bulb. Flowers star-shaped, 2 inches across, clear waxy white, of great substance, enlivened by a frost-like sparkle; the fragrance is delightful. The bulbs flower profusely and with great certainty. Height, 12 to 18 inches. For an effective display, groups of 12 to 25 or more should be planted about 6 inches apart in a sunny bed (see cut). Each, 6c.; doz., 60c., postpaid.

COOPERIA DRUMMONDI

(The Giant Fairy Lily)

Cooperia Drummondii should be planted in the spring in open ground, where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. The foliage is quite long, and of peculiar lavender green color. In the fall the bulbs should be lifted and kept dry over winter, like *Gladiolus*. It is one of the easiest of all bulbs to grow, absolutely sure to bloom freely, and the beautiful, pure, fairy-like blossoms are ever lovely. Each, 6c.; doz., 60c., postpaid.

GLOXINIAS

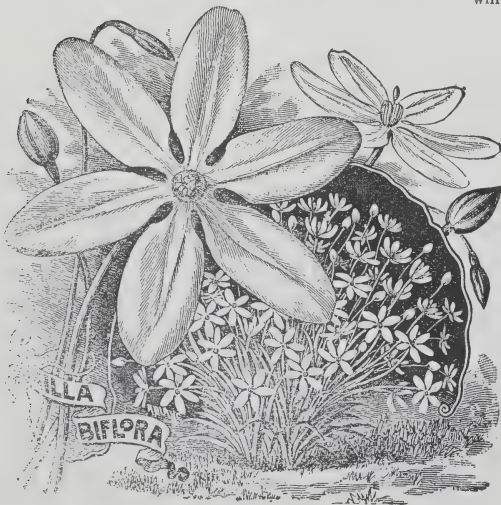
Charming greenhouse plants of dwarf habit. Flowers of the most exquisite and gorgeous colors are produced in greatest profusion. They are often 3 to 4 inches across, and many of them are magnificently mottled and blended. They bloom continuously for months.

Gloxinia, Scarlet, Blue, White, Spotted, or mixed colors. Each 18c.; dozen, \$1.80, postpaid.

"Received the bulbs, rose bush and plants in good condition, for which receive my thanks. Sincerely yours,
Mrs. S. R. D.,
Swansburg, Ont."



GLOXINIA



LILIES

For grand distinctive flowers, yielding a liberal bloom, there is nothing so satisfactory and gratifying as a good assortment of lilies. All lilies require deep planting, and should not be disturbed for several years. In almost every case flowers will be obtained the first summer after planting, but it will be quite as well for the health of the plant if there is no bloom until the second season. In our northern climate it is well, before winter, to cover the ground over and around the bulbs with three or four inches of leaves or straw or coarse manure as a winter protection.

Lilium Auratum, "Golden Banded Queen of Lilies." Ivory-white ground, richly strewn with purple studs. The centre of each petal has a broad band of yellow extending from tip to base. Fully expanded, the flowers measure nearly a foot across, are produced abundantly and possess a most delicious fragrance. Price, each, 20c.; per dozen, \$2.00; extra large, each, 25c.; per dozen, \$2.50, postpaid.

—Lancifolium Album. The well-known, beautiful, snow-white fragrant hardy garden lily; flowers trumpet-shaped; 6 to 8 inches long; height, 4½ to 5 feet; in open ground blooms in July. Each, 25c.; 3 for 60c., postpaid.

—Speciosum Monstrosum Rubrum. White ground with band and spots of rose and crimson on each petal. Each 20c.; per dozen, \$2.00 postpaid.

—Tigrinum Splendens (Tiger Lily). Very large flowers; orange, spotted black. Each, 10c.; dozen, \$1.00, postpaid.

—Tiger Lily, Double (Tigrinum fl. pl.). A plant 4 to 6 feet high with dark green foliage, double bright orange red flower. Each, 12c.; 3 for 30c., postpaid.

—Candidum (White Garden Lily). This lily is the emblem of purity. The deep lemon anthers contrast beautifully with the wax-like petals. The fragrance is delicious, never oppressive; hardy. Each, 12c.; 12 for \$1.25, postpaid.

—Elegans, Mixed. Embracing beautiful and distinctive new varieties, which, both for pot culture and for masses of color in the open garden, are unsurpassed. They are very hardy, and grow and thrive under almost any conditions. Each, 15c.; 12 for \$1.50, postpaid.

Dielytra, or Dicentra BLEEDING HEART

A superb plant, without which no garden is complete. The flowers are borne on long, graceful curved stalks, hanging like rows of pendant gems, delicate rose colored and white, with purple lips. It will endure the coldest winter without protection, and is also excellent for cut flowers in winter, forcing very readily.

Dielytra Spectabilis. Strong roots. Each 20c.; 3 for 50c., postpaid.

Summer Flowering Oxalis

No bulb is so valuable for edging the borders of walks or flower beds as the beautiful flowering Oxalis. When placed three inches apart they produce an unbroken row of elegant foliage and pretty flowers; and as they bloom very quickly after planting they furnish a neat and attractive border the whole season. They are also splendid when planted in a mass, and make a very showy bed. The bulbs, which are the size of peas or larger, can be planted the first of May, or perhaps earlier, and will be in bloom by the first of June. No flower is easier grown than this, as they are sure to succeed in all soils and situations. They are also charming when grown in pots, and make a very attractive mass of fine foliage and gay flowers. Mixed colors. Dozen, 20c.; 100, \$1.25.



Sterlingworth
Plant Food
Tablets are
good for
unhealthy
plants



Iris, or Flowering Flag

Japan Iris (Iris Kämpferi). The flowers are of enormous size, averaging from 6 to 8 inches across, and are of indescribable and charming hues and colors, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue, each flower usually displaying several shades, while a golden yellow blotch, surrounded by a halo of blue or violet at the base of the petals, intensifies the wealth of coloring. Attains great perfection if grown in moist soil. Each, 25c.; per dozen, \$2.50, prepaid.

German Iris. This is one of the grandest classes of Iris. Plants form dense clumps, which send up many flower stalks, each one bearing several large beautiful flowers of various colors. No garden should be without them. Each, 10c.; per dozen, \$1.00, postpaid.

CHINESE PÆONIES

The old-fashioned Pæony has long been an inhabitant of our gardens. They are among the hardiest flowers we have, and are admired for their large and gay flowers, which are produced in the early summer. We have this season imported, direct from the most celebrated grower in the world, the finest collection obtainable in any list, including new and rare flowering sorts, and many unique and gorgeous double varieties in various shades of colors and markings, and some with very delicious fragrance. The best season for planting Pæonies is the spring; they will succeed in any ground unless so wet that the water will lie on the surface, but to obtain the greatest size of bloom and strongest growth the soil should be well enriched.

SELECT

NAMED VARIETIES

- Pæony Grandiflora Superba**—Very double, soft pink. Free flowering, one of the best.
Edulis Superba—Light rose, delicate lilac shading, very large and double.
Louis Van Houtte—Rich purple lake, a noble variety; extra full and free.
Rubra Triumphant—Carmine rose. Very double.
Formosa Alba—Extra large flowered, with high, full centre of beautiful yellow and outside petals pure white; excellent.
Victoria—White, lightly tinged with yellow centre.
Officialis Rubra, Fl. Pl.—Reddish lilac, changing to creamy lilac; very novel.
Officialis Mutabilis—Pure white, strong grower, beautiful broad foliage, early to flower, very best white for cutting.

The above Varieties, each, 25c., or 5 for \$1.00, postpaid.

Extra Large Clumps, each, 40c.; 4 for \$1.00, postpaid.

NEWEST VARIETIES OF DOUBLE PÆONIES

- Boskoop Beauty**—A good sized flower, outside white, inner petals usually tipped with pink. Each 80c.
Fragrans—Delicate pink, tipped with bluish white. Each 65c.
Festiva Maxima—Double white, very large and full. Each, 60c.
Livingstone—Bright red, double, very fragrant. Each, 65c.
Tenuifolia Flora Plena—A distinct plant with elegant, divided, fennel-like foliage and large, full, double flowers of a deep rich crimson; Each, 75c.



HYACINTHUS CANDICANS

(GIANT SUMMER HYACINTH)

This plant somewhat resembles the Yucca, although not so large. It throws up a flower stem about 4 feet high, on which it bears from 15 to 20 pure white bell-shaped flowers. Each 10c.; dozen, \$1.00.



Pæony, Magnifica—A good-sized flower, outside white, centre creamy white, inner petals usually tipped with pink. Each, 60c.

Set of above 5 varieties for \$2.50, postpaid.

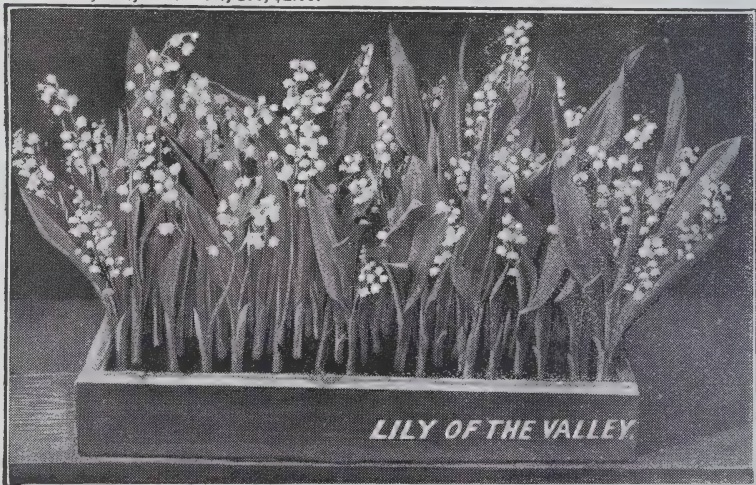
EXCELSIOR DWARF "PEARL" TUBEROSE

This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well known to need any description. It delights in a strong, rich, deep, well-drained, warm soil; manure, heat and water are essential to its perfect development. This variety grows only 24 inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a Camelia; deliciously fragrant. Extra size bulbs, each, 8c.; dozen, 75c., postpaid; 100, \$2.50, by express at purchaser's expense.

LILY OF THE VALLEY

(CONVALLARIA MAJALIS)

This beautiful plant is a universal favorite. It is extensively grown for forcing in the winter and early spring months, producing tender stems, set with tiny bells of snowy whiteness, diffusing a delicate odor. It may be planted indoors in baskets of moss, boxes and vases.
Lily of the Valley—Berlin single crown pips, pure white, large and strong, finest for forcing. Dozen, 30c.; 25 for 60c.; 100, \$2.00.



GLADIOLI

The Gladiolus is the most satisfactory, the most desirable and the most popular of all garden bulbs. Nothing else of the kind costs so little and nothing else grows and blooms so readily for anybody and everybody, in any soil or climate. It is, in short, the most satisfactory garden flower, thriving and blooming, as it does, with the least care and attention, and makes a display which for brilliancy and beauty of coloring few bulbs can equal and none surpass. Set in rows four inches apart, or in masses six inches apart each way. Plant in full sun, if possible, and keep down weeds. They bloom from July to October. After fall frosts lift the bulbs, and, after removing the tops, let them dry for two or three weeks in any airy position, under cover. Then, after removing the roots, store them in a cellar or any cool, dry, place, away from frost, for planting again the following spring.



Gilchrist's Exhibition Collection of
Gladiolus

EXHIBITION COLLECTION OF 12 GLADIOLI FOR \$1.25, POSTPAID

We have made arrangements for the entire stock of Gladioli grown by Mr. Gilchrist. His success in growing Gladioli has been phenomenal, and his strains have taken the Gold Medal at the Canadian National Exhibition at Toronto for the past three years.

The following collection he has selected as being the most satisfactory varieties to grow—varieties that produce strong, vigorous growing plants and long sturdy spikes, the flowers being extra large, and with exquisite colorings and markings. We offer this collection in its entirety for \$1.25. Anyone wanting any of the varieties separately can purchase them at the prices quoted:—

America Without an exception, America is the most beautiful and useful Gladiolus yet introduced. Strong and healthy, with luxuriant dark-green foliage. Flower spike two to three feet long. Color exquisite soft lavender pink. Each, 10c.; dozen, \$1.00.

Attraction Deep, dark crimson pink, with a large pure white centre free from mottling or spots, making a most conspicuous and attractive contrast. The color is one of the richest, softest and most pleasing tints to be found. Spike and flowers large, regular, and all facing one way. Each, 10c.; dozen, \$1.00.

Augusta A beautiful white variety with lavender anthers; a very vigorous grower with a strong erect spike and continues in bloom a long time. Each, 10c.; dozen, \$1.00.

Baron Hulot One of the finest blue Gladiolus. Deep violet blue with large well opened flowers. Each, 15c.; dozen, \$1.50.

Columbia Light orange scarlet, freely blotched and pencilled with bluish purple. Throat beautifully mottled. Each, 10c.; dozen, \$1.00.

F. L. Oxley Bright salmon, tinged scarlet with pure white centre. Each, 15c.; dozen, \$1.50.

Hollandia, New One of the very best, resembling Branchleyensis, but of a rich rose salmon color. Each, 15c.; dozen, \$1.50.

Independence Light scarlet, bearing large flowers on a straight stiff spike. Each 10c.; dozen, \$1.00.

Klondike Light yellow, with a small crimson maroon blotch. Splendid for florists' use. Each, 15c.; dozen, \$1.50.

Mrs. Francis King Light scarlet, of pleasing shape; large spike and flower. One of the very best. Each, 10c.; dozen, \$1.00.

President Taft Delicate pink, shaded darker at the edges. Red blotched, light line through each petal. Spike and flower of stiff large size. Each, 15c.; dozen, \$1.50.

White Excelsior Very strong grower, one bulb often producing 2 or 3 flower stems. Long spike; flowers of middle size. With the exception of a very small purple streak at the bottom of the throat, the flower is of a perfectly pure white color, turning into fleshy white towards the end of the flowering stage. Each, 15c.; per dozen, \$1.50.

GLADIOLI IN MIXTURE

GILCHRIST'S RAINBOW MIXTURE. This Mixture is made up of named sorts, and which have been grown under separate colors. It includes many of the choicest varieties of Childsii and Gandavensis type, also a proportion of new seedling varieties of great merit. This is the best Mixture we have ever offered and ensures a wide range of colors, shades and types. 4 for 25c.; dozen, 75c., postpaid. By express or freight, 50 for \$2.25, 100 for \$4.00.

Gladioli, all colors, mixed, very choice, first size. Dozen, 30c.; 100, \$1.50.

—White and Light Varieties, mixed. Each, 5c.; dozen, 45c.; 100, \$3.00.

—Striped and Variegated Varieties, mixed. Each, 5c.; dozen, 55c.; 100, \$4.00.

—Pink Varieties, mixed. Each, 4c.; dozen, 45c.; 100, \$2.50.

—Red and Scarlet Varieties, mixed. Each, 3c.; dozen, 35c.; 100, \$2.25.

—Lemoine's Butterfly, mixed. Each, 4c.; dozen, 35c.; 100, \$2.25.

GROFF'S HYBRID GLADIOLI

The mixtures we offer is made up from the original and later introductions of Mr. Groff, and comprises the widest range of colors possible, including shades of lilac, lavender and clematis, which hitherto have been practically unknown in Gladioli. The pink, red, scarlet, crimson and cerise shades are of the highest quality. The white, blue, light and yellow shades are of the purest colors obtainable. Each, 10c.; 3 for 25c.; dozen, 90c.; postpaid; 100, \$6.00, by express at purchaser's expense.

GLADIOLI CHILDSII

The flowers are of great substance and of gigantic size, frequently seven to nine inches across. Every color known among Gladioli is represented and many never before seen, particularly blues, smoky greys and purple blacks, all having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow, etc. Each, 7c.; dozen, 60c., by mail, postpaid; mixed, 25, \$1.00; 100, \$3.50, by express at purchaser's expense.

CANNAS

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. As Cannas are good pot plants either for summer or winter flowering, they may be lifted and potted in the fall before the approach of frost, or can be grown in pots or boxes. Grown in this way they are ready to continue their good work without disturbing the plants. For out-door bloom in the North West, get the plants well started in the house and transplant after danger of frost is over.

Canna, Buttercup. A profusely blooming dwarf Canna of thrifty habit, bearing large flowers of pure "buttercup" yellow. 3 feet. Each.....15c.

—**Charles Henderson.** A splendid dwarf, compact grower, throwing up erect, compact heads of bloom, of large size; color, bright crimson, very handsome, bright green foliage, 2½ feet high. An excellent pot plant. Each.....15c.

—**Crimson Bedder.** Intense crimson scarlet, 3 feet high. Each.....15c.

—**Florence Vaughan.** A grand, bright golden yellow, heavily dotted with bright red spots, very broad petals; spikes large and compact; of dwarf habit. Each.....15c.

—**King Humbert.** A brilliant orange-scarlet with bright red shading. Large trusses of blooms, the individual flowers being 6 inches in diameter. Foliage a rich reddish bronze with lighter shadings. Height, 5 feet. Each.....20c.

—**Mad. Crozy.** One of the finest; foliage bright green, bears immense trusses of orange-scarlet flowers, each petal bordered with golden yellow; about 3 feet high. Each.....15c.

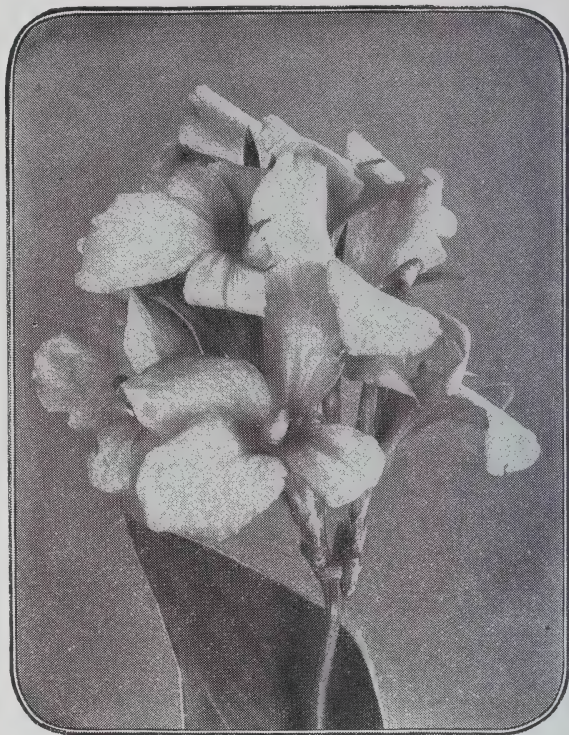
—**Mlle. Berat.** An exquisite shade of pink and very effective when massed with reds and yellows. Foliage is a bright green. Grows vigorously, not over 3½ feet. Each.....15c.

—**Mont Blanc.** The only genuine pure white Canna; good heads of wide, heavy bloom, 3 feet. Each.....15c.

—**Mrs. Kate Grey.** One of the finest orchid-flowered sorts; full heads of soft orange, shaded carmine and with dotted yellow throat. 6 feet. Each.....15c.

—**Queen Charlotte.** A grand Canna with a distinct golden belt around each petal. The centre brilliant orange-scarlet with crimson tones. Of stately habit with fine foliage. Each.....15c.

—**Shenandoah.** Flowers beautiful rosy pink, borne in large clusters. The foliage is very beautiful, being rich ruby red, exquisitely veined and tinted, resembling some rich tropical plant. Each.....20c.



CANNA, BUTTERCUP

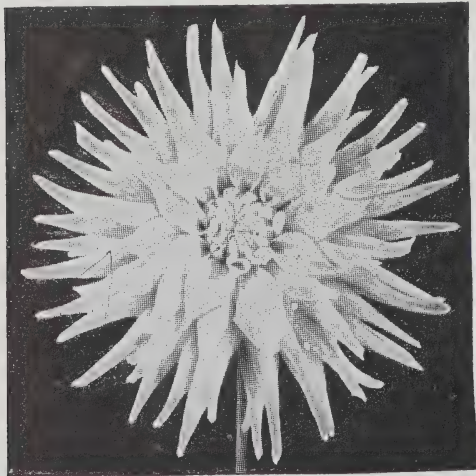
SPECIAL OFFER—Five, Our Selection, for 60c.; postpaid.

Above prices are postpaid for dormant roots. We can supply started plants after May 20th at 20c. each; \$2.00 per doz., by express at purchaser's expense. Started plants cannot be sent by mail.

SUPERB CACTUS DAHLIAS

The Cactus type still takes the lead as the most popular class of Dahlia. The improvement of the last few years gave us such a high standard that it is now difficult to beat existing varieties.

The varieties offered under this head have been selected from a collection of new varieties which have been under careful trial in our own grounds the past season. They are the best of the recent introductions of the most noted Dahlia specialists, and we believe every one to be a valuable addition to the long list of Cactus Dahlias.



DAHLIA "KREIMHILDE"

Dahlia, Capstan. Soft dark red, tinted apricot. Each.....25c.

—**Cornucopia.** A reddish salmon, large and very free-flowering. Each.....20c.

—**Countess of Lonsdale.** Lustrous, salmon-pink, splendid. Each.....25c.

—**Earl of Pembroke.** Bright plum color, turning deeper and more velvety towards the centre, florets beautifully arranged. Each.....20c.

—**Floradora.** Color, beautiful glistening scarlet crimson. Fine cactus form, full to the centre with fine pointed petals. Each.....25c.

—**General Buller.** The grandest fancy Cactus Dahlia, and very appropriately called the "Cactus Frank Smith." Color, deep, rich, velvety maroon, tipped white. It is a very profuse bloomer, the flowers are borne on long, slender, stiff stems and will keep a long time after being cut. Each 30c.

—**W. B. Child.** Blackish maroon, shaded purple, a rich color, good sized flower of elegant shape. Each.....25c.

—**Mrs. C. C. Page.** A beautiful distinct flower, rich velvety crimson with a faint tinge of yellow at the base of each floret. Each.....25c.

—**Mrs. Jowett.** Rich golden yellow. Each.....20c.

—**Iceberg.** Pure white, forming a fine head. Each.....25c.

—**J. H. Jackson.** A bright maroon, almost black, but with deep crimson tone underlying surface. Each.....25c.

—**Kreimhilde.** The color is of a delicate pink, shading to white at the centre; of beautiful form; a very profuse bloomer; a very vigorous grower; the stem, being strong, holds the flower well above the foliage. Each.....25c.

SPECIAL OFFER

Any 4 for 75c., or 12, your selection, for \$2.00, postpaid.

"GENTLEMEN,—Many thanks for sending me so promptly the Rose Bushes. All the bushes were in such good condition that I hope to have the pleasure of sending for more another year." Yours sincerely, DOROTHY WILLIS, Lake Egmont, N.S.

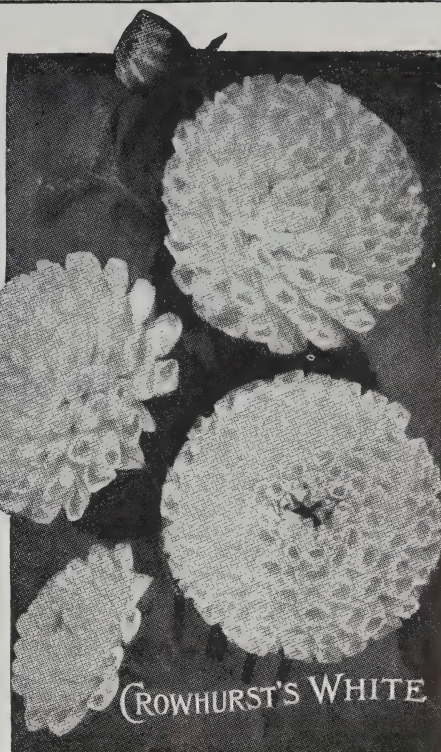
"GENTLEMEN,—We might mention that your shrubs have given us entire satisfaction, and are growing rapidly." Yours truly, DOMINION SUGAR CO., LIMITED, Wallaceburg, Ont.

DAHLIAS

The Dahlia is the grandest autumn flower we have. It is in its glory during September and October, when other flowers have faded; they surrender only to the frost. Our collection of Dahlias is grown upon our own grounds, and is without doubt one of the finest in the country. We carefully grow and test new sorts every season; if such are found desirable they are retained, otherwise discarded. Put Dahlia tubers in the ground when the season becomes warm, covering the neck some 3 inches. If many shoots start, thin them out. After flowering and before hard frost, take up the plants, remove the tops, dry the bulbs a little and put in the cellar until spring, when they can be divided and replanted.

EXHIBITION LARGE FLOWERING SHOW DAHLIAS

- Dahlia, A.D. Livonia.** Beautiful soft pink, with quilled petals, full to the centre, of large size; a very early and profuse bloomer. Each.....25c.
- Apple Blossom.** The first flowers are deep-red, pink and carmine, but as the season advances they gradually open lighter and lighter till they become pure white. Each.....25c.
- Arabella.** Color, pale primrose, tipped and shaded old-rose and lavender. Of exceptionally fine form and a profuse bloomer.....20c.
- British Splendor.** Bright red, large and full.....20c.
- Cleant.** Very large, crimson scarlet. Each.....25c.
- Crowhurst's White.** A long-stemmed, handsome white Double Dahlia for late cut flower purposes. It is the finest white Show Dahlia in existence. The flower is of as fine form and rounder than John Walker, the plant having twice the vigor and twice the length of stem of any other white Show Dahlia. This, combined with its free and continuous blooming qualities, renders it the most profitable Show Dahlia. 4 for \$1.00, postpaid; each.....30c.
- Emily.** One of the best; varies from rosy lavender to white suffused lavender; a large, beautiful and striking flower. Each.....25c.
- Empress of India.** White, striped with lilac; very fine. Each.....25c.
- Frank Smith.** A very unique and attractive flower, color almost black, beautifully tipped with white and the most distinct and effective Dahlia in cultivation.....25c.
- John Walker.** A profuse and constant bloomer, vigorous grower bearing a large size flower; pure snowy white, bell-shaped flowers.....25c.
- LePhare.** A vigorous grower, throwing its well shaped bright red flowers, which are borne on long stems, well above the foliage; of large size and perfect form. Each.....25c.
- Modesty.** Beautiful blush shaded pinkish white.....20c.
- Queen Victoria.** Deep yellow, finely quilled. Each.....25c.
- Ronald.** The entire flower is absolutely perfect in outline and form. The color is a fine deep orange; a splendid show variety.....30c.
- "Uncertainty."** One of the most beautiful Dahlias in cultivation. Flowers of many colors, from deep maroon to blush white, including beautiful spotted and variegated forms, are borne in great profusion on the same plant at the same time. In fact, a plant will hardly ever produce two flowers alike. Blush-white, crimson-maroon white suffused with maroon, maroon suffused with white, crimson-red, purple-spotted, marked or marbled, with white, spotted, marbled and striped with maroon, pink or crimson, or several colors suffused in an odd and irregular way. 5 for \$1.00, postpaid; each.....25c.



DAHLIA

DECORATIVE DAHLIAS

Decorative Dahlias are known by their large flowers and flat petals being intermediate between the Cactus and Show types. Among these varieties will be found those mostly used for cut flowers, since they are those having greatest substance and are the best shippers. Those we include are the result of careful selection.

- Jack Rose.** The identical shade of the rose with the same name; exceedingly free, carrying its fairly large flowers on very erect stems in the greatest abundance; flowers early, and during hot weather the color is somewhat likely to burn. Each.....30c.
- La France.** Brilliant rose-pink, similar to the rose with the same name; flowers are gigantic, loosely built and resemble in shape a large double peony; excellent for exhibition. Each.....25c.
- Gettysburg.** Very deep pure rich scarlet. A very large and imposing variety; one of the finest in this class. Each.....25c.
- Mammoth Queen.** Rich blood red. Very striking. Each.....20c.
- The Queen.** Pure snow white. Very fine. Each.....25c.
- RED HUSSAR.** The color is purest cardinal red without trace of purple or crimson. The plant is a very strong, vigorous grower of branching habit, and produces the flowers on stems 18 inches to 2 feet long. It is the best bright red Dahlia for florists. Each.....25c.
- Frank L. Bassett.** Bright royal-purple with blue shadings. Large, finely formed flowers.....30c.
- Mme. Ven den Daele.** A charming soft rose with deeper markings, shading to white in the centre. Each.....25c.
- Clifford W. Bruton.** A clear, rich yellow, perfectly double. The grandest of all the yellows.....25c.



DAHLIA "UNCERTAINTY"

Hardy Hybrid Perpetual ROSES



SPECIAL OFFER

This Collection of 7 Illustrated Roses for \$1.75 postpaid

THE Hybrid Perpetuals are considered the most valuable of Roses. They are chiefly distinguished for their luxuriant foliage, large, prodigious bloom, vigorous growth, and for being entirely hardy. Their robust habit of growth makes them suitable for outdoor culture only, in which situation they will thrive with very little care; but are improved by liberal manuring and by cutting out dead and unhealthy wood. As a class they do not bloom until thoroughly established, usually the second year after planting. The flowers are highly fragrant, and of all the colors known to the Rose.

Rose, Alfred Colomb (5). Justly celebrated as one of the finest extra large round flowers, very double and full, color clear cherry red, passing to bright, rich crimson; very fragrant.

—Baron de Bonstetten. Glossy pink, large, free flowering and very hardy.

—“Baroness Rothschild.” It is very large in the bud and in the expanded flower. Technically described, it could be called a rosy flesh, very soft in the centre, and shaded with a lighter flesh at the end of the petals. It is hardy in this climate with the ordinary protection, and is free from the diseases so common with perpetual roses. Its fragrance is simply charming.

—John Hopper. One of the most reliable and satisfactory Hybrid Perpetual Roses; flowers are large, very regular and full; color brilliant rose, changing to bright glowing pink, shaded with rich crimson; very sweet and remarkably profuse bloomer

—“Boskoop Beauty.” The growth is vigorous, the foliage dark green and very handsome, and the color is of a deep glowing, rich crimson. Very large both in bud and in the expanded flower. Double to the centre and opens up beautifully. Hardy, vigorous and very fragrant.

—Fisher Holmes. Large, moderately full and finely imbricated flowers of rich, glowing crimson.

—General Jacquemont (6) Color bright crimson, exceedingly rich and velvety; the buds and partially expanded flowers are very fine, and fairly glow with deep rich coloring; a vigorous grower and free bloomer; grown extensively, and should be in every collection; known almost everywhere.



—Madam Plantier (4). The flowers of this variety are very large and full, pure white, tinged rose at tips of petals; very floriferous. The plant is of sturdy, compact growth. A very valuable variety.

—Magna Charta. Bright, deep pink, very large and fragrant. A grand and very popular garden rose.

—Margaret Dickson. This is a magnificent rose, and undoubtedly one of the finest yet raised. The flowers are of great size, perfectly formed, and carried on very stout erect foot-stalks. Color, ivory-white; petals of great substance, bell-shaped and reflexed; highly perfumed and free-flowering.

—Merville de Lyon (2). Flowers of good size, perfect and of good form and finish. One of the finest, freest and most beautiful of the white hybrids.

—Mons. Bonneune (3). One of the grandest hardy red roses. It is best described as a blackish crimson, though that is far from giving an adequate idea of the rich velvety color.

—Mrs. John Laing (1). Color, a soft delicate pink, with a satin tinge; the whole flower frequently shows a distinctly silver tinge. The flowers are large, finely shaped and exceedingly fragrant. A vigorous, strong grower, every shoot producing magnificent bloom.

—Pau Neyron. We direct attention to this rose; immense flowers, probably the largest and finest rose; bright shining pink, clear and beautiful; very double and full, finely scented.

—Pæonia. The flowers are very large and of regular symmetrical form, somewhat globular, very full and deliciously scented; the color is a clear dazzling red, certainly one of the most brilliant roses ever seen.

—Ulrich Brunner. Bright red, flowers rich and full resembling somewhat Paul Neyron; in all respects a beautiful rose.

—Victor Verdier. A beautifully formed rose, with large, full, heavy petals; color bright rose with carmine centre; a very fine variety.

The above are strong, healthy 2-year-old plants, each 25c.; 5 for \$1.00; per dozen \$2.25. 3-year-old, each 30c.; 4 for \$1.00; per dozen \$2.75 (postpaid); by express at purchaser's expense, 5 for \$1.00; per dozen \$2.25.



ROSA RUGOSA

To meet the increasing demand for the choicer varieties in this class of Roses we have made special arrangements with a celebrated English grower for really first class stock.

Aug. Guinnoisseau. White, slightly tinted with flesh, fragrant.

Belle Seibrecht. Bright carmine rose.

Caroline Testout. Bright satiny rose, full and globular.

J. B. Clark. Scarlet, shaded crimson.

Etoile de France. Velvety crimson, large, full.

Farben Koningin. Imperial pink, good size, very useful.

Grace Darling. Base of petals creamy white, deeply tinted and shaded rose.

General McArthur. Bright crimson, large, full, very fine.

Gloire de Dijon. Buff, orange centre, very large and double.

CEMETERY ROSE Rose "Wichuriana." This species from Japan is a perfect trailer, hugging the ground closely. It grows 10 to 15 feet in a season and is densely furnished with a dark green glossy foliage, forming a dense blanket, always clean and perfect, with but few thorns. The flowers are single, pure snowy white. They are borne in clusters and in such numbers as to fairly envelop the plant. It blooms later than most roses. Price, each, 30c.

ENGLISH SWEET-BRIAR ROSE Highly prized on account of the delightful fragrance of its leaves and branches. The flowers are single, bright pink and very attractive. It is perfectly hardy, and once planted, little, if any, care is necessary. It is splendid for a group on a lawn, or as a single specimen in a garden. Two-year-old plants, each, 25c.

NEW ROSE "BABY DOROTHY" The flowers are about one and one-half inches across, are borne in clusters of from ten to thirty and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink and holds a long time without fading, blooming uninterruptedly from June until fall. It forms bushy plants growing from 12 to 16 inches high. In this dwarf, upright bedder we have a rose sure to be equally a universal favorite, for it beds out to perfection and blooms many weeks, and in color, mass and effect is even more vivid, profuse and striking than Crimson Rambler. Strong plants, 2-year, 30c. each; 3-year, 40c. each.

PERSIAN YELLOW ROSE The habit of the plant is robust, producing vigorous shoots in abundance, branches straight and of good size. The coloring of the flowers is very rich, a marvelously rich shade of chrome-yellow, with a glint of coppery rose in the centre. The expanded flower is full, large and globular, the centre petals being well incurved, forming a perfectly double bloom. The color in the fully expanded flower is gloriously superb, a blending of reddish-gold, orange-yellow, nasturtium red and opaline-pink. Words are inadequate to fittingly describe the almost rich, warm color contained in each bud and open flower. A Hardy Yellow Rose, one that is really hardy in the North in this country, has been the goal for which the world's best hybridizers have been striving for years. 2-year, 35c. each; 3-year, 50c. each.

JAPAN ROSE APPLE

("ROSA RUGOSA") This is the true fruit-bearing variety of the *Rosa Rugosa*, or **Hardy Japan Rose**, which we are sure will prove an agreeable surprise to all who plant it. The **New Japan Rose Apple** is a handsome, erect-growing bushy shrub, making a fine compact head, covered with large, glossy green leaves, having a curious wrinkled or leathery appearance, which adds very much to their attractiveness. It bears a profusion of large, wide open single roses, 4 to 5 inches in diameter, pure white or pink according to variety, and very beautiful; the flowers are followed by elegant crimson and golden fruit, borne in clusters, and are as large as good-sized Crab Apples. The trees bear both flowers and fruit at the same time, and for several months during the season is an object of rare beauty that everyone who has room will like to have.

Rosa Rugosa Rubra, each.....30c.
Rosa Rugosa Alba, each.....30c.

HARDY HYBRID TEA ROSES

This section has quickly and deservedly sprung into popular favor. Probably the constant succession of blooms from early Summer until late in the Autumn, together with the wonderful and ever-increasing range of color, have been the principal factors in their popularity. There is the delicate and chaste colors of the Teas, the lovely reds and crimsons of the H.P. varieties, and the delightful perfume of both; they are hardy, and quite a number of varieties of this class will give quantities of blooms even in our severe climate.

WINTER PROTECTION—In the latitude of Toronto a covering of three or four inches of manure or leaves over the entire bed is sufficient. In colder latitudes, draw the leaves up around the stems six or eight inches higher, and in very cold places earth them up and protect with corn stalks or evergreen boughs. For *Tea Roses* a good plan is to put a temporary fence of 12-inch chicken wire netting around the bed, filling in loosely with leaves, with a little earth or some branches over all to prevent them from blowing away.

Grass au Teplitz. Bright crimson, shaded maroon, semi-double.

K. A. Victoria. White, yellow centre, beautiful buds.

Killarney, White. A pure white.

Killarney, Pink. Flesh color, shaded white, long petals.

La France. Beautiful satin-pink, paler reflexes.

Liberty. Brilliant velvety crimson, a truly charming rose.

Lyon-Rose. Shrimp pink at end of petals, centre coral red or salmon shaded with chrome yellow.

Mildred Grant. Pearly white with shaded flesh color.

Madame Ravary. Golden yellow buds, open flowers, orange yellow.

Prince of Bulgaria. Silvery flesh, shaded salmon.

Richmond. Similar to "Liberty." The color is pure red, scarlet.

Price, each, strong two-year-old plants, 30c.; per dozen, \$3.00; per 100, \$20.00, prepaid.

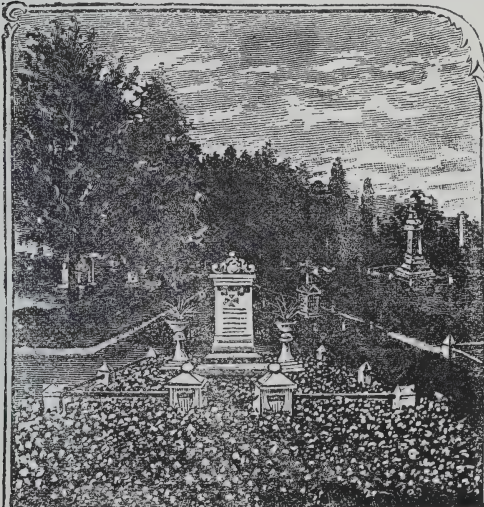
DWARF EVER-BLOOMING ROSE

"BABY RAMBLER"

A dwarf-growing, ever-blooming Crimson Rambler. This blooms when a small plant and forms clusters of flowers as large as the Crimson Rambler. Possesses also its charming, brilliant red color and blooms uninterruptedly from June until fall. It forms bushy plants growing from 12 to 16 inches high. In this dwarf, upright bedder we have a rose sure to be equally a universal favorite and it will be used by hundreds when the Rambler is used by tens, for it beds out to perfection and blooms many weeks longer, and in color, mass and effect, is even more vivid, profuse and striking. Strong 3-year plants, 40c. each; 2-year, 30c. each.

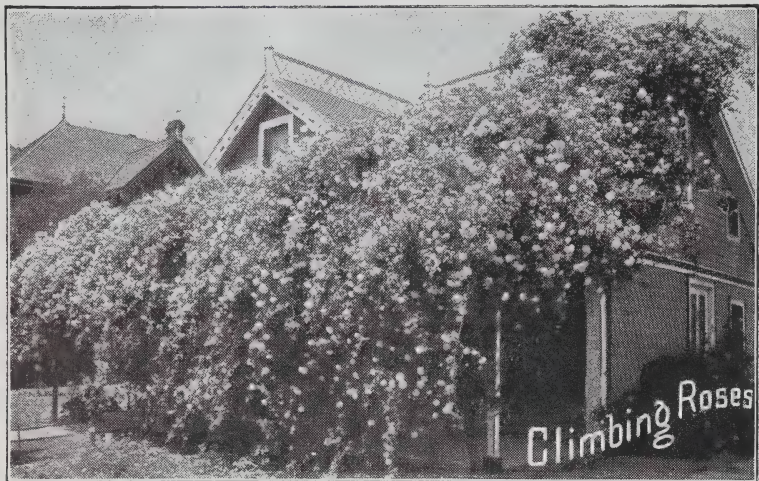


"BABY RAMBLER" ROSE



CEMETERY OR MEMORIAL ROSE

HARDY CLIMBING ROSES



Climbing Roses are highly valuable or training over arbors, trellises, verandahs, and also as screens for unsightly objects, such as old buildings, fences, walls, etc. They grow 10 to 12 feet high, and are perfectly hardy. The rapid growth, luxuriant foliage, and immense clusters of bright, cheerful flowers commend them to everyone, and they are among the most beautiful of flowering plants. The varieties described below are the best, and succeed well in all sections of the country.

Baltimore Belle. Pale blush, variegated carmine, rose and white; very double flowers in beautiful clusters, the whole plant appearing a perfect mass of bloom.

Gem of the Prairie. Bright violet crimson; large, very double and fragrant. The flowers are borne on trusses, numbering from 10 to 20 buds each.

Anna Maria. This rose is a fine hardy bloomer, quite double and of medium size; very fragrant, clear white, with centre changing to fine, satiny pink.

Price, two-year-old plants, 30c.; large three-year-old plants, each 40c., postpaid.

CRIMSON RAMBLER ROSE

It is perfectly hardy in the open ground; will grow from 8 to 10 feet in a season, the flowers appearing in great panicles as large as a man's hat, and of a deep, rich crimson color like blood-colored velvet. The flowers, when cut, last two weeks in water, and fully a month on the bush, which is a perfect mass of red crimson at all times. It can be grown in various ways, as a pillar rose, a trellis rose, and for covering a wall it has no equal, and when pegged down it will form a bed of itself. Cut back, it is a magnificent pot rose for the window. It is always in bloom, even when very small, and is easily trimmed to a bushy grower. Each, two-year-old plants, 30c.; three-year old, 50c.

YELLOW RAMBLER ROSE

It is perfectly double, entirely hardy, having withstood, unprotected, a prolonged temperature of from zero to 10 degrees below. It is related to the Crimson Rambler, and, like it, blooms in large trusses, often bearing from 75 to 100 flowers in a cluster. The flowers last from three to four weeks without fading. It is a very vigorous grower, making shoots 8 to 10 feet in one season when well established, so that it possesses all the requisites for unbounded popularity. Each, two-year-old plants, 30c.; three-year-old plants, 40c.

NEW HARDY "DOROTHY PERKINS"

As hardy as Crimson Rambler and same habit of growth. The flowers are about 1½ inches across, are borne in clusters of from 10 to 30 and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink, and holds a long time without fading. Strong, two-year-old plants, each, 30c., postpaid.

NEW ROSE

This new variety, a seedling from the popular Crimson Rambler, which it closely resembles in habit of growth and general effect, is destined to become one of the most popular of garden climbing roses, for which purpose it is especially adapted on account of its delicately tinted flowers, which are of a delicate cherry-pink, which gradually changes to a soft tinted white. The plant is a strong, vigorous grower, with profuse, glossy, deep green foliage, and the effect of a plant in full bloom, with the combination of the soft white flowers, the cherry-pink buds and the deep green foliage, is indeed charming. This variety is of American origin; it has been exhibited extensively in this country, as well as in England and on the continent, and has everywhere been highly commended. Two-year-old plants, each, 40c.

NEW "VIOLET BLUE" RAMBLER ROSE

This new variety originated in Holland and is, in habit of growth, very similar to the Crimson Rambler. The plant is a strong, vigorous grower, with profuse, glossy, deep green foliage, and the effect of the plant in full bloom is marvellous. The violet-blue flowers appearing in large clusters are semi-double, of medium size, with showy, yellow stamens, making the plant most effective. It has been the ideal of rose growers for the last century to produce a blue rose. So called blue roses have been offered to the public before, but this one is here to stay, and being of such a hardy nature, it will be a welcome addition to the rose family. Strong, three-year-old plants, each, 60c.

Moss Roses

The Moss Rose is as hardy as any rose can be, and a very vigorous grower. They are much admired on account of their bright, healthy foliage, and the attractive, moss-like covering of the buds, as well as their delicious fragrance.

Rose, Blanche Moreau. Pure white, beautifully formed and well mossed; one of the best.

—Emeline. Bright rosy-red, tinted purple; a handsome rose, fine in bud.



CRIMSON RAMBLER ROSE

—**Salet.** Bright rose, large and full; a perpetual bloomer and a most desirable rose. Each, strong three-year-old plants, 35c.; 3 for \$1.00, postpaid. (See cut.)

Tausendschon

Entirely distinct, not only in Ramblers, but in Climbing Roses generally. The individual flowers are very large for this type of Rose, being fully three inches across and of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delightful shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses of from 10 to 15 flowers, each truss a veritable bouquet. Each, extra strong two-year-old plants, 40c.

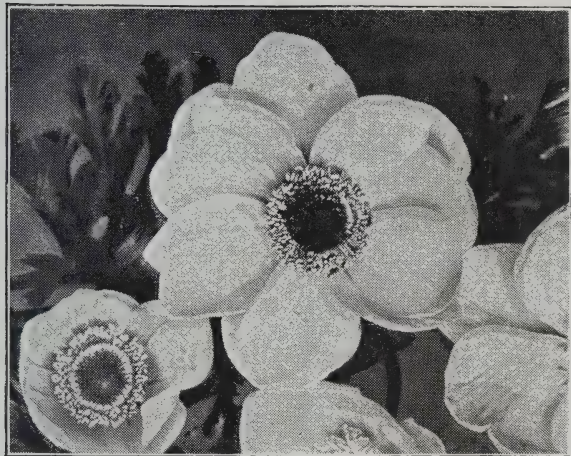


MOSS ROSE

Hardy Perennial Plants

For Permanent Planting in Borders and Beds

Of all the plants that are cultivated for purely ornamental purposes there are none that have made the rapid strides in public favor like the Hardy Perennials, the old fashioned garden flowers. The love for them of late years has increased so much, and it is not at all surprising when the many varied and pleasant changes are considered. They do not have to be taken up every fall or replaced every spring. The following list has been selected with care and contains a fine assortment of plants that make valuable, permanent beds. They flower at different periods, so that a succession of bloom may be obtained from early in summer until after frosts in the fall.



ANEMONE "WHIRLWIND"

GYPSOPHILA—Baby's Breath

A grand, splendid growing plant, with fine, narrow leaves, belonging to the Pink family. A perfect cloud of minute, pure white flowers, supported on the slenderest of foot stalks, forms a conical mass of elegance. Besides making a handsome garden show during August and September, its fleecy panicles are quite useful for intermixing with other cut flowers. Each 15c.; dozen, \$1.50.

FUNKIAS, or DAY LILIES

Handsome hardy foliage and flowering plant. Their noble aspect, elegant outline, and bold luxuriant foliage render them exceedingly attractive for large effective clumps, succeeding in sunny places and equally well in shady places where many plants would not exist. They are also much grown in Europe for greenhouse decoration in winter.

Funkia, Aurea Maculata. Beautiful golden striped foliage, very handsome. Each, 25c.



DIGITALIS, OR FOXGLOVE

ANEMONE "WHIRLWIND"

A new semi-double form of *Anemone Japonica* Alba, which is supposed to be a cross between this beautiful variety and *A. Japonica* Rosea. In general style and habit it is identical with the white *Anemone*. It is of the same strong habit of growth and it is even more free flowering than the original type. The flowers which are $2\frac{1}{2}$ to 3 inches across, have several rows of pure white petals, and have the advantage of lasting much longer than the single varieties. Clumps, each, 25c.; 3 for 60c.

ACHILLEA ALBA

("THE PEARL")

One of the best white flowered plants for the border. The flowers are borne in the greatest profusion the entire summer, on strong, erect stems. Pure white in color, somewhat resembling *Pompom Chrysanthemums*. As a summer cut bloom it is a great acquisition. Each, 25c.

COREOPSIS LANCEOLATA

A beautiful, hardy plant, with dark lance foliage, a close, compact habit of growth, and a continuous succession of the most brilliant golden-yellow flowers of any hardy plant in existence. Each flower is borne on a leafless stem, 8 to 10 inches in length, most admirably adapted to cutting; the flowers, often 2 inches or more in diameter, will last 10 days without fading, and are most excellent for bouquets. Each, 15c.

DORONICUM (LEOPARD'S BANE)

One of the most effective, very early, spring-flowering perennials, growing about 2 feet high. If placed in pots in the fall, they can readily be forced into flower during the winter months in the conservatory or window garden. There are many who have only seen this as a single plant, here or there in a hardy border, and have no idea of the effect it has when planted in a mass. It is also a splendid flower for cutting, as it carries well and stands a long time in water, opening out morning after morning, to the surprise and delight of the possessor. They succeed everywhere, and are worthy of a place in any garden. Flowers bright golden yellow. Each, 30c.; per doz., \$3.00.

AQUILEGIA (COLUMBINE)

These make excellent border plants, unrivalled for beauty of form and rich blending of colors. Our collection includes a variety of colors, although not offered separate; they will give a pleasing effect to any flower garden. Each, 20c.; dozen, \$2.00.

DIGITALIS, OR FOXGLOVE

These improved Foxgloves are very showy, hardy plants; they are easy to grow and produce freely spikes 4 to 5 feet high, well furnished with large *Gloxinia*-like flowers of various colors, including white, cream, rose, red and other shades, all of which have beautiful throat markings, spots and blotches of purple, maroon etc. They are more robust than the ordinary garden *Digitalis*, have stouter stems and larger flowers. Each, 20c.; dozen, \$2.00.

DELPHINIUM

(LARKSPUR)

A most important class of free-flowering and ornamental foliage perennials, of easy culture in ordinary rich loam. The tall-growing sorts are admirable for the back portion of the border or for grouping among shrubs, while the lower growing species do finely in all positions in the border. All are of the greatest value for cut flower purposes. By preventing the flowers from going to seed the plants will bloom continually until hard frost. Each, 25c.; dozen, \$2.50.

EULALIA JAPONICA

Eulalia Japonica, Zebrina. The foliage is distinctly marked with broad yellow bands, as shown in cut. It grows from 4 to 6 feet in height, forming a most striking and graceful plant, resembling nothing else we know of. The expanded flower spike is very showy, and when dried will last for years. Plant is semi-hardy and requires protection during the winter months. Each, 30c.

—**Japonica Variegata.** A favorite ornamental plant having long, narrow leaves, striped white and green. Each, 30c.



FUNKIA AUREA



DOUBLE HOLLYHOCKS

MYOSOTIS (FORGET-ME-NOT)

This popular plant is hardy enough to remain in open ground except in very cold latitudes, where it should be protected during the winter months. It succeeds well in moist, shady situations, and is in bloom constantly nearly the whole season. Each, 15c.; dozen, \$1.50.

HARDY DIANTHUS, GRASS, BORDER or SPICE PINKS

These are great improvements over the charming, time-honored inhabitants of old-fashioned gardens. The flowers of this new type are much larger, are borne more profusely on shorter, stiff stems. In these new Pinks we have a large variety of colors and markings; the color, of course, refers to the centre of the flower, the remainder being white or blush with a band of color near the margin: the colors include blood red, rose, maroon, purple, pink, blush, spotted, laced, variegated, etc., and they commence blooming about 2 weeks earlier. They are excellent perennial garden plants, about one foot high, vigorous, hardy, and flower profusely during spring and early summer. The flowers are very large, double, beautifully fringed, and emit a clove-like perfume. Mixed colors, each, 20c.; dozen, \$2.00.

THRIFT, SEA PINK *Thrift, or Ameria Formosa.* A hardy perennial plant, with compact tufts of narrow green foliage. Particularly valuable for edging. The flowers are a clear, bright pink and borne in clusters on tall stems. Increases rapidly by division. Plant a good lot of it for borders. Each, 15c.; 4 for 50c.

**GAILLARDIA GRANDIFLORA**

Gaillardias are among the showiest and most effective of hardy perennial plants. They will thrive in almost any position or any soil, but respond freely to liberal feeding. Being perfectly hardy they require absolutely no protection. The flowers are large, $2\frac{1}{2}$ to $3\frac{1}{2}$ inches in diameter, produced on long stems; are excellent for cutting; most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet, crimson, orange and vermilion. Assorted colors, each, 10c.; dozen, \$1.00.

HELIANTHUS

(PERENNIAL SUNFLOWER)

These flowers will well repay the slight trouble they give, flourishing splendidly in any garden soil, and for the second or back row in borders or for shrubberies, they can hardly be surpassed.

Helianthus Multiflorus, Fl. Pl. (Double Hardy Sunflower, or Dahlia Sunflower). Perfectly hardy, and produces large, double, Dahlia-like golden-yellow flowers in great profusion during the entire summer and fall. Each, 20c.

—**Soleil d'Or.** This grows about 4 feet, composed of numerous rigid stems smothered with large golden-yellow flowers, very fine for cutting and general decoration. Each, 20c.

SUPERB DOUBLE HOLLYHOCKS

Stately, majestic, hardy plants, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection through the winter will be beneficial. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents the disease, which is prevalent in some localities. Price, each, 25c.; per doz., \$2.50.

HARDY DOUBLE ENGLISH VIOLET

Is entirely hardy, perfectly double, a deep violet, purple color, most deliciously fragrant. It surpasses the well-known "Marie Louise" Violet in richness of color, being many shades darker, and far excels it in its delightful odor; this is one of its greatest merits. Free from disease of any kind; will bloom and grow in any garden. Appropriate for cemetery plots. 25c. each.

DOUBLE RUDBECKIA (GOLDEN GLOW)

The new large double-flowering golden-yellow Rudbeckia is of fine habit, vigorous growth, with early, continuous and immense blooming qualities; more elegant and beautiful than the double-flowering "Helianthus Multiflorus"; grows six feet or more in height, much branched and erect. The most handsome large-flowering perennial that has been introduced for years. Plants, 15c. each; 4 for 50c.

HARDY PERENNIAL PHLOX

One of the finest of all out-door flowering plants. Young plants bloom the first season and remain from year to year without protection, and always increasing in beauty. Divide and replant in sunny situation and rich soil. Plants, each, 15c.; dozen, \$1.50.

Amphion. Deep purplish crimson, large.

Canadian Beauty. Pink, very large and full.

Coquelicot. A glaring orange red with violet eye; extra large.

Eclairer. Purple crimson, light aureole.

Jeanne d'Arc. Pure white, extra large.

Jules Gerbeau. A very large flower, of clear rose.

Marquis de Brentic. A beautiful pink, with small salmon eye, of dwarf habit.

TRITOMA PFITZERI

(RED HOT POKER PLANT)

The greatest bedding plant ever introduced, surpassing the finest Cannas for attractiveness and brilliancy, showy as the Gladiolus as a cut flower, and blooms incessantly from June to November. Plants hardy, but require protection during the winter months. Plants show from 6 to 20 grand flower stalks all the time, each holding at a height of 3 to 4 feet a great cluster of flame-colored flowers of indescribable beauty and brilliancy. Each cluster keeps perfect several weeks, and when it fades two or three more are ready to take its place. For cutting it is unsurpassed, as the beautiful long spikes keep several weeks in water. Strong plants will bloom the first summer. Each, 25c.; doz., \$2.50.



PERENNIAL PHLOX

HARDY SHRUBS

These are exceedingly attractive for lawns or borders, and will increase in size and beauty from year to year, some being valuable for their floriferous habits, while others are prized for their ornamental foliage. They are a source of pleasure continually.

ALTHEA, or ROSE OF SHARON

The flowers are of large size, very double and full, and of various brilliant and striking colors; they are borne in August and September when other flowers are scarce. The plant is of regular and compact growth, with deep, glossy green leaves; thrives in all ordinary situations, and is entirely hardy. They make beautiful ornamental hedges. We offer four distinct varieties, all very beautiful, viz., **Double Purple, Double Striped, Double White and Double Variegated.** Plants, each color, 45c.; per doz., \$3.50, by express at purchaser's expense.

FLOWERING ALMOND (AMYGDALUS)

This is one of the earliest flowering shrubs, and one you cannot afford to do without. The stems are literally covered with most beautiful blossoms, which make it a thing of beauty. **Double Pink and Double White, 50c.** each, postpaid; large plants, each, 75c.; per doz., \$7.50, by express at purchaser's expense.

CYDONIA JAPONICA (JAPANESE QUINCE)

The flowering varieties of the Japan Quince rank among our choicest shrubs; on the lawn they are very attractive, and for the edges of borders or groups of trees they are specially adapted. Their large, brilliant flowers are among the first blossoms in spring, and they appear in great profusion. Their foliage is bright green and glossy, and retains its color the entire summer. Special attention is invited to this plant for ornamental edges. Each, 40c.



ALTHEA, OR ROSE OF SHARON

CATALPA KAEMPFERI (JAPANESE CATALPA)

Catalpa Kaempferi. This variety is an elegant shrub of rather slender growth, producing large clusters of fragrant flowers of a yellowish cast; they remain in bloom a long time and are succeeded by seed pods; the leaves are of a dark purplish-green color. Bees are attracted by this shrub. Mailing plants, 40c. Large plants, by express, each, 50c.

BERBERIS, or BARBERRY A GRAND FOLIAGE SHRUB

Purple-leaved Barberry, or Berberis Vulgaris Atropurpurea. One of the most valuable shrubs, especially for producing color effect in grouping. Its abundant, handsome foliage is always clean, of a deep rich plum color, and does not fade out in summer, as do most purple-leaved plants. Like the type, it produces fruit freely, of a bright crimson color, that remains upon the plant until spring. It forms a beautiful hedge and is also exceedingly pretty as a single specimen. Each, 25c., postpaid; large sized plants, 2½ feet high, 30c. each, by express at purchaser's expense.

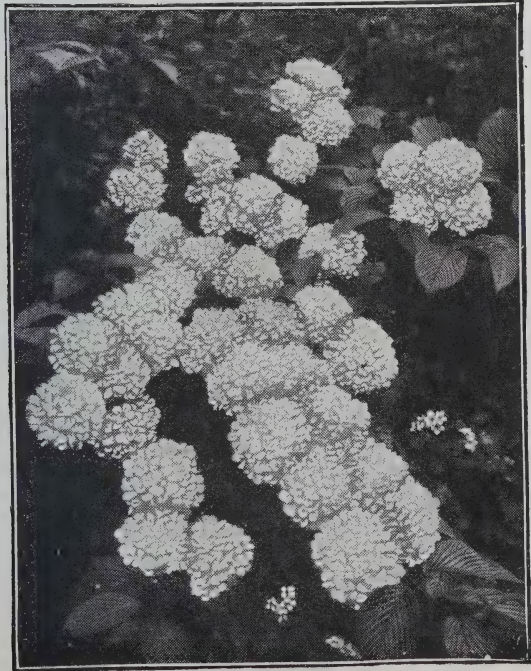
DEUTZIAS

Early spring flowering shrubs, with long graceful spikes of flowers from every bud or eye, pretty foliage of upright growth, and forming handsome lawn shrubs. They flower early in June.

Deutzia Gracilis. Grows from 2 to 3 feet high, and is almost bell-shaped in its close, compact bush, being covered with graceful sprays of small, bell-shaped, white flowers. Blooms early in June. **Double Pink, each, 30c.; Double White, each, 30c.**

SWEET SCENTED SHRUB

Calycanthus Floridus. A native species growing 6 to 8 feet high. Flowers of a chocolate brown color, and have a powerful aromatic and fragrant odor from May to August. The leaves and wood are also fragrant. Blooms freely; is hardy, and succeeds everywhere. Often termed Strawberry Shrub, from the resemblance of the fragrance of its flowers. Each, 30c.



HYDRANGEA PANICULATA

JAPAN BARBERRY

(OR BERBERIS THUNBERGII)

A most valuable and distinct shrub of dwarf, compact habit, forming a low globular bush of dense growth. Its leaves are of metallic reflections, turning in autumn to the most brilliant scarlet imaginable, so vivid in fact as to suggest a ball of fire. The branches are thickly studded with coral-like berries which cling to the bush till May, and its numerous little blossoms are very unique. Each, 25c., postpaid; large plants, 2½ feet high, 30c. each, by express at purchaser's expense.



CYDONIA JAPONICA

CARAGANA

Caragana, Aborescens, or Siberian Pea. This is the plant of all others suited for our North-West, where it will stand the climate well. It is a tall-growing shrub, say 4 to 5 feet, somewhat like the Laburnum in appearance, being profusely covered with pea-shaped, yellow flowers in May. We feel quite confident it will please all who try it. Strong plants, each, 25c.; 5 for \$1.00.

CERCIDIPHYLLUM JAPONICUM

A GRAND CEMETERY TREE

Cercidiphyllum Japonicum. The leaves are heart-shaped, dark green above and silver green beneath. The leaf stalks are dark red; a tint of the same color is in the veins, which, with the dark brown on the young bark, gives most unusual attractiveness. While of upright habit, there is no stiffness of growth such as often accompanies such an outline. It is perfectly hardy, free from disease and a valuable addition to our list. Very valuable for cemetery planting. Each, mailing size, 40c., postpaid; large plants, 60c., by express at purchaser's expense.

HYDRANGEA PANICULATA GRANDIFLORA

It grows 3 to 5 feet high, perfectly hardy in all parts of the country, and needs no protection in winter, blooms in July and August, and remains in bloom two or three months. The flowers are pure white, afterwards changing to pink and rich, coppery red, and are borne in immense pyramidal trusses, more than a foot long. Strong three-year plants cut back for mail, each 35c.; 4 for \$1.00, postpaid. Large plants, 50c. each, by express at buyer's expense.

Tree Hydrangeas. Nice well-grown stock on 3-foot stems. Each, \$1.25, by express at purchaser's expense.

CLETHRA (SWEET PEPPER BUSH)

Clethra Alnifolia (4 to 5 feet). A large and most useful shrub, bearing a profuse number of upright spikes of yellowish white, sweet-scented flowers which open about the 1st of August. It will flourish in shady places, and is used to a great extent for massing in woods or to give a natural effect to landscape work. Mailing plants, 35c. each; large plants by express, each, 60c.

BUSH HONEYSUCKLE

There are no prettier, more ornamental shrubs in cultivation than the upright Honeysuckle, and they should be better known. Beautiful in bloom, yet this is surpassed by the beauty of the berries which follow the flowers and remain on the plant all summer and fall. Each, 40c.

FORSYTHIA VIRIDISSIMA (GOLDEN BELL)

The Golden Bell is known for its great beauty in early spring. It grows from 5 to 6 feet high and forms a bush-like growth, making long pendant-like shoots, being extremely pretty when its arched branches are covered with its yellow flowers. It is a native of Japan, and one of the best early flowering shrubs in existence. Each, 35c.

MAGNOLIA

Grows into trees of the highest ornamental merit; their elegant habit and foliage alone would render them indispensable; but the flowers, their crowning beauty, are unrivalled in size, beauty, individual charm, and showy effect among all hardy trees or shrubs. They should be planted in a somewhat sheltered position.

Magnolia Soulangeana Speciosa. Greatly prized for its beautiful white, sweet-scented flowers, which come early in June. Large plants, each, \$1.50, by express at purchaser's expense.

—*Soulangeana Purpurea* (Red). Large plants, each, \$1.50, by express at purchaser's expense.



CLETHRA (PEPPER BUSH)

PHILADELPHUS CORONARIUS

(SWEET SCENTED SYRINGA OR MOCK ORANGE)

A hardy shrub of rounded form and luxuriant foliage, with masses of pure white, intensely fragrant flowers in June. This is one of the first to bloom, and deserves a place in all collections. Each, 40c., postpaid; large plants, 60c., by express at purchaser's expense.

PURPLE FLOWERING LILAC

Syringa villosa. A purple Japanese species with large, leathery, green foliage, like the white fringe tree. Flowers purple, distinct, new color, very floriferous. Plants by mail, each, 40c.; large plants, 60c., by express at purchaser's expense.

THE TREE LILAC

Syringa Japonica. It makes a straight, stout, well-branched tree, with large, handsome leaves. It flowers in mid-summer when other lilacs have long been gone; its immense cluster of white blossoms standing stiffly up on the outer and top shoots, sometimes measure 16 to 24 inches in size. Plants, by mail, each 40c.

HARDY LILAC

This species of Lilac grows to a height of from 5 to 8 feet, according to the variety, and bears numerous trusses of large, upright blossoms; very fragrant, borne on stout stems, which, with the thick leathery leaves, makes them both attractive and ornamental. Large plants, ready to bloom, in the following varieties:—Charles X., large blue flowers; Marie Legraye, beautiful creamy-white single flowers of immense size; Souvenir de Louis Spathe, large red spikes, magnificent; Madame Lemoigne, double, pure white, very fine. Price, 75c. each; \$8.00 per doz., by express at purchaser's expense.

PRUNUS PHILADELPHUS (MOCK ORANGE)

Prunus Triloba. (Double Flowering Plum). Height, 4 to 5 feet. Commencing to flower in May and is a perfect mass of double pink flowers borne along the stem, showing them off in a very attractive manner. It is perfectly hardy, and we recommend it as being one of the very best shrubs now in cultivation. Each, 40c.

Prunus Pissardi (Purple-leaved Plum). The finest purple-leaved small tree or shrub of recent introduction. The young branches are a very dark purple; the leaves, when young, are a lustrous crimson, changing to a dark purple. It transplants easily. Flowers are small, white, single, covering tree. 40c. each.

PRIVET, Common

Of all the ornamental hedge plants, this is the most highly prized. If cut to the ground one or two years after planting, makes a very thick hedge right from the bottom, sending up many strong shoots. The leaves are a rich green, and will remain on the plants a long time, and if they are a little sheltered they will keep green almost all winter. Hedges that are six or seven feet in height, and have been trimmed flat on the sides, look like a solid green wall. It thrives in dry situations and is extremely hardy. 2-year-old plants, \$1.50 per dozen, postpaid; \$6.00 per 100, by express at purchaser's expense.



MAGNOLIA SPECIOSA



PHILADELPHUS CORONARIUS



HARDY LILAC

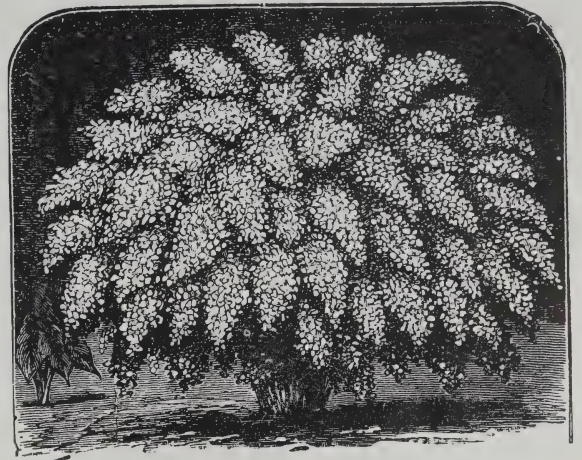
SPIRAEA

Spiraea, "Anthony Waterer." When scarcely 3 inches high, it begins to bloom, and thereafter is seldom out of flower. In the garden it will make a plant 3 feet high and wide, and will be covered with heads, 1 foot across, of brilliant crimson flowers. Each, 30c., postpaid; large plants, 50c., by express.

—**Thunbergii.** One of the finest Spiraeas; blooms early in April. Noted for its compact, regular growth and pretty, fern-like leaves; makes a head almost as round as a ball; flowers are white and borne in large clusters. Postpaid, each, 25c.; large plants, 35c. each, by express at purchaser's expense.

—**Van Houttei.** Is the most showy of all the Spiraeas. In the spring the plants are a perfect snowbank of bloom, the long, slender branches drooping gracefully with their weight of flowers; strong growing and entirely hardy, rich, blue-green foliage. Postpaid, each, 30c.; large plants, 50c. each, by express at customer's expense.

—**Aurea, Golden Leaved-Spiraea.** A handsome shrub, with bright, golden yellow foliage, contrasting finely with the deep green of other varieties; small, white flowers. Each, 25c., postpaid; large plants, 35c. each, by express at purchaser's expense.



SPIRAEA VAN HOUTTEI

WEIGELIA

Shrubs of erect habit while young, but gradually spreading and drooping as they acquire age. They produce, in June and July, superb large, trumpet-shaped flowers of all shades and colors from pure white to red. In borders and groups of trees they are very effective.

Weigelia, Dwarf, Variegated Leaved. Of dwarf habit and possessing silvery, variegated leaves; flowers nearly white, each, 40c.

—**Rosea.** The flowers are large, and of a deep rosy color; a very profuse bloomer. Each, 40c.

—**Floribunda.** Dark cinnamon or chocolate-colored flowers with projecting white stamens and pendulous habits like a Fuchsia. Each, 40c.

—**Candida.** This is the best of all the white-flowered Weigelias; a strong, upright, erect grower; flowers pure white, and produced in great profusion in June; blooms all summer. Each, 40c.



WEIGELIA CANDIDA

SALISBURIA

MAIDEN-HAIR TREE OR GINGKO

Salisburia Adiantifolia. A Japanese tree of large size and rather erect growth. A most elegant ornamental tree with very handsome, deep green foliage, shaped like the Maiden-Hair Ferns. It is hardy, upright and regular in habit. Mailing size, 35c. each.

VIBURNUM OPULUS

Viburnum Opulus (Common Snowball). 5 to 7 feet. This well-known shrub finds great favor with planters. The large balls come singly, hanging by stems along the branches, expanding towards the close of May. A very showy, decorative shrub. Strong plants, each, 30c.



JAPANESE SNOWBALL

YUCCA FILAMENTOSA

A low-growing, hardy, evergreen plant, with long, narrow leaves, very distinct and almost tropical in appearance. The flower stalk is from 2 to 4 feet high and rises from the centre. It bears a profusion of creamy white, well-shaped flowers, very beautiful; very effective lawn plant; will thrive and succeed in poorest soil. Each, 30c.



YUCCA FILAMENTOSA

"I am more than pleased with the results from your Seeds, for while I was late in sending in my order, I had flowers in abundance all summer long, and in fact the most of them are still in flower, which is very unusual here at this time of year."

H. G. GARNER, Revelstoke, B.C., 1913.

HARDY OUT-DOOR CLIMBERS



ARISTOLOCHIA SIPHO (DUTCHMAN'S PIPE)

A vigorous and rapid-growing climber, bearing singular, brownish-colored flowers resembling in shape a Dutchman's pipe. Its flowers, however, are of little value, but its fine light green leaves, which are of very large size, retain their color from early spring till late fall; perfectly hardy. Each, 50c.; doz., \$5.00. Extra large plants for immediate effect, by express at purchaser's expense, each, 75c.; doz., \$7.50.

AKEBIA QUINATA

A perfectly hardy, fast-growing Japan vine, with magnificent foliage, producing flowers in large clusters of chocolate purple color, possessing a most delicious perfume; unsurpassed for covering trellises and verandahs, the foliage never being attacked by insects. Strong plants, each, 40c.

BIGNONIA RADICANS (TRUMPET CREEPER)

A splendid climbing plant, suitable for covering dead trees, fences, etc., with large clusters of trumpet-shaped, orange-red flowers; blooms in August; about three inches long, handsome in bud as well as in flower. The foliage is also very beautiful, a collection of small leaflets arranged upon a single stem, beautiful for vase and flower work. This plant is not only an admirable climber, but on the lawn makes a pretty tree-formed bush or tree if tops are cut back and artificial stem supplied, thus having the appearance of a weeping shrub. Each, 30c.

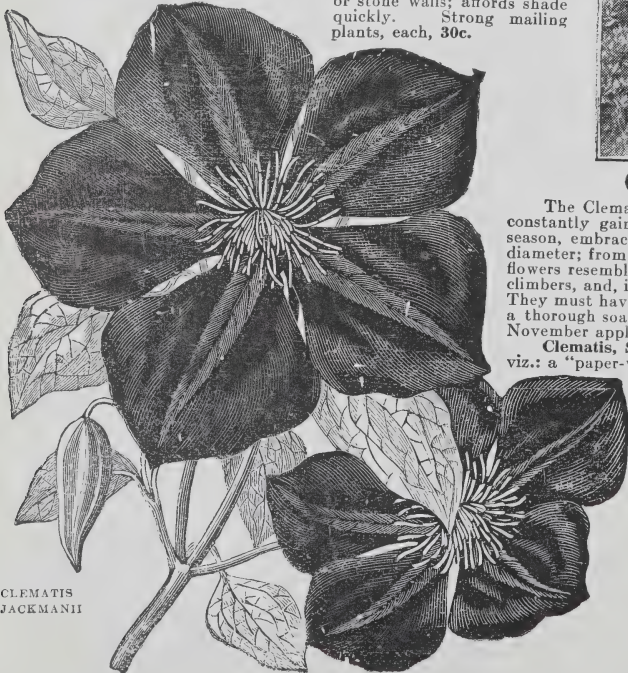
BOSTON OR JAPAN IVY

(AMPELOPSIS VEITCHII)

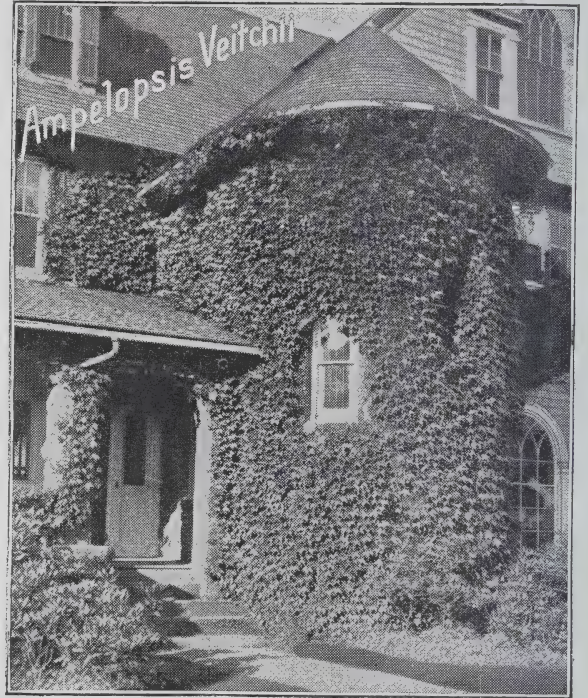
As an important aid to architectural beauty, it is rapidly attaining prominence, being now a feature on the finest houses. It is entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stone or brick with the greatest tenacity. For covering dead trees, gateposts, boundary walls, verandahs, etc., it has no equal, while its rapid growth and tenacious clinging qualities make it a most desirable plant for staying up trellises. In summer the foliage is a shade of green, and in the fall, tinted with scarlet, crimson and orange. Fine mailing plants, each, 25c.; 3 for 60c.; 2-year-old plants, 30c.; \$3.00 per doz.; 3-year-old plants, 50c. each; \$5.00 per doz. postpaid.

VIRGINIA CREEPER

Has beautiful digitate leaves that become rich crimson in autumn; a very rapid grower. Like the Bignonia and Ivy it throws out tendrils and roots at the joints, by which it fastens itself to anything rough it touches. One of the finest vines for covering verandahs or trunks of trees; will not climb on brick or stone walls; affords shade quickly. Strong mailing plants, each, 30c.



CLEMATIS
JACKMANII



CLEMATIS (Large Flowering Varieties)

The Clematis is perhaps the most popular climbing plant of the day, and is constantly gaining in popularity. Entirely hardy, blooming during the entire season, embracing great variety of color—some of the flowers being 6 inches in diameter; from their wavy, graceful contour, when wafted by a slight breeze, the flowers resemble huge butterflies hovering among the green leaves. They are all climbers, and, if trained carefully, attain a height from 5 to 15 feet in one season. They must have a sunny location and good culture, digging the ground very deep; a thorough soaking in dry weather will increase the number of flowers. Every November apply a barrowful of well-rotted manure to the plants.

Clematis, Snow-white Jackmanii. This is what has been wanted for years, viz.: a "paper-white" true Jackmanii Clematis. The flowers are about the same size as those of the old purple Jackmanii, but produced in even greater profusion. Each, 75c., postpaid.

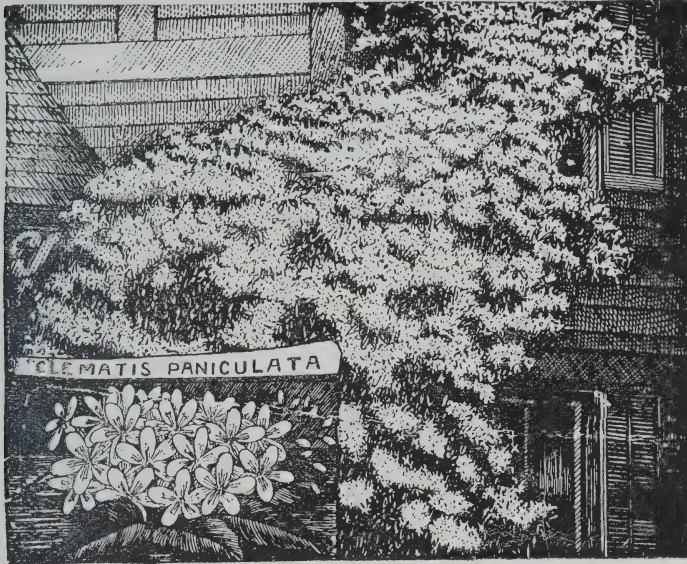
—**Miss Bateman.** White, with chocolate red anthers. Each, 2-year, 50c.; 3-year, 75c., postpaid.

—**President.** Reddish plum with deeper colored bars down the centre of each petal; a very showy and useful variety. Each, 2-year, 50c.; 3-year, 75c., postpaid.

—**Mad. Baron Veillard.** Distinct light lilac rose; a new and handsome variety of the Jackmanii type; very free bloomer, vigorous grower. Each, 75c., postpaid.

—**Beauty of Worcester.** It is a very vigorous grower, producing flowers measuring as much as five inches in diameter at almost every joint. Color of a beautiful bluish violet shade with prominent pure white stamens. Each, 75c., postpaid.

—**Jackmanii.** The flowers when fully expanded measure from 4 to 6 inches in diameter. Color, intense violet purple with a rich velvety appearance, distinctly veined. It blooms continually from July until cut off by frost. Strong 2-year-old plants, 60c.; extra, 3-year-old, 75c. each, postpaid.



CLEMATIS PANICULATA

(Sweet Scented Japan Clematis)

To see it in the early fall covering a porch, a trellis, an arbor, a fence, a boundary wall, a slope, or any other object where it is planted, with a mass of fleecy whiteness, exhaling its delicious Hawthorn-like fragrance, is to admire and want it. Even when the mass of starry flowers is gone, when the fleecy mantle of white has vanished for another year, there is another phase of its beauty evident. Its beauty is not alone in its bloom and seed time, its refreshing green foliage and its graceful habit lend it a beauty unmatched. It will grow 15 to 20 feet in a season; it is insect-proof; it is perfectly hardy; it adapts itself to all situations, thrives everywhere, and need only be seen to be admired. Strong plants, each, 25c.; doz., \$2.50; extra large plants, each 40c.; doz., \$4.50, postpaid.

CHINESE WISTARIAS

White Chinese Wistaria. Plant this Wistaria wherever you want a good, tall-growing vine to shelter high porches or second floor fronts. It grows strong and high, makes a pretty leafy screen, not too dense, and is loaded with bloom in the early spring. There are several varieties of Wistarias. This is the finest of all; immense clusters, pure white flowers, very sweet; extra fine plants, sure to bloom. Each, 50c.

Blue Chinese Wistaria. One of the most beautiful of all Wistarias; a vigorous strong-growing vine, producing in early summer a great profusion of large clusters of lovely rich violet blue flowers, deliciously sweet and exceedingly handsome. One of the very best climbing vines for verandahs, balconies, second floor fronts, etc. Each, 40c.

HONEYSUCKLE

For real home vines to be near you, climbing over your windows and doorways, there is nothing prettier than fine, sweet-scented Honeysuckles; the foliage is pretty, neat and clean, the flowers almost continuous, and their fragrance delicious. The varieties described below are the very best.

Honeysuckle, Monthly Fragrant. A hardy, rapid grower, suitable for rockwork, etc.; bright red, trumpet-shaped flowers. Each, 50c.; per doz., \$5.00.

—New Halliana. A new variety introduced from Japan, and considered a great acquisition; it is evergreen and a constant bloomer; flowers pure white, changing to yellow; very fragrant; good for trellis or pillar; one of the very best varieties for all purposes. Each, 50c.; doz., \$5.00.

CURRANTS

A cool, moist location is best for this fruit, and for this reason it succeeds admirably when planted by a stone wall or fence, being benefited by a partial shade. Plant in rows 4 feet apart, and the plants 3 feet apart in the rows. Keep the ground mellow and free from weeds and grass, using fertilizers copiously. Mulching is necessary for the best returns. So soon as the leaves turn yellow and begin to fall, with a pruning knife remove all the old wood and cut back the young shoots a third of their length, cutting to the ground enough of these to admit air and light into the bush free y. When the currant worm appears dust the bushes with Buhach or Tobacco Dust; it can be exterminated also by dissolving powdered white Hellebore (to be had at any drug store) in the proportion of an ounce to a pail of water, and applied with a syringe upon the leaves.

Currant, Boskoop Giant. This famous Black Currant bears abundantly extra large berries and is superior to all other sorts. Especially adapted for jams. Each, 30c.; doz., \$2.25.

—Black Champion. As great an improvement among black currants as is Fay's Prolific among the red varieties. Like Fay's the clusters and berries are exceedingly large, and, unlike other varieties of its class, the bushes are heavy, annual bearers. Each, 20c.; doz., \$1.50; 100, \$8.00, by express.

—Black Naples. Very hardy and prolific. All the black kinds are much prized for making jams and jellies; highly profitable for market growing in some sections. Each, 20c.; doz., \$1.50; 100, \$8.00, by express.

—“The Comet” (Red). The bunches are almost approaching grapes in size, being frequently 8 inches in length, with from 20 to 26 berries of enormous size and of the most brilliant crimson color. It is likely to become a valuable fruit for dessert purposes, as the juice is particularly refreshing and soft to the palate, it being without acidity. Each, 25c.; doz., \$2.00, postpaid.

—Large Red Cherry. The most popular market sort, and uniformly the largest of all the red currants except Fay's Prolific. Bunches large; berries very large, bright, sparkling, crimson, beautiful; very acid. Each, 20c.; doz., \$1.50; 100, \$8.50, by express.

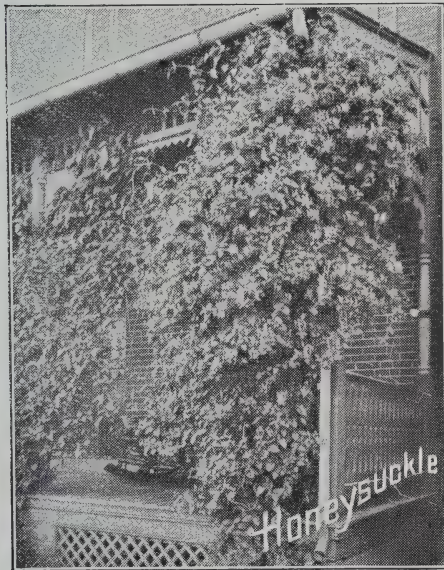
—Fay's Prolific (Red). It is a very heavy cropper; the large, uniform berries are less acid than any other sort; large, handsome strings of cherry-red fruit. Each, 20c.; doz., \$1.50; 100, \$8.00, by express.

—White Grape. This is a currant, of all others, that should be in the family garden, not only for its handsome appearance, but for its fine quality. Its bunches are extremely long, berries large, of a beautiful translucent white, and excellent flavor. The largest and decidedly the best white variety. Each, 25c.; doz., \$2.00; 100, \$12.00, by express.

GENTLEMEN:—

I bought a lot of your seeds last season and I found them very good indeed. There were lots of people asked me whose seeds they were and I told them they pleased me alright. It was the first time that I had them but it won't be the last. I used to be a big Show Grower in the Old Country, so if I can do any good by recommending your seeds I will do my best.

THOS. PARTINGTON,
West Ville, N.S.



Strong plants by mail, postpaid at single and dozen rates. At 100 rates, purchasers pay transportation.



THE “COMET” CURRANT

GOOSEBERRIES

Plant in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit. The English varieties especially do best in partial shade, and should be heavily mulched. To prevent mildew, spray bushes as soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur), one ounce to four gallons of water.

Gooseberry, Industry. Of vigorous, upright growth, and a great cropper; berries of largest size, $1\frac{1}{2}$ inches in diameter, and of most excellent flavor, both pleasant and rich; color, when fully ripe, dark red. Stands our Canadian climate better than most other sorts. Each, 25c.; 4 for 90c., postpaid; doz., \$2.50, by express at purchaser's expense. Special quotations on large quantities.

—Downing. The best of the American sorts and a vast improvement on the Houghton, of which it is a seedling. Fruit large, green and of excellent quality,



DOWNING GOOSEBERRY

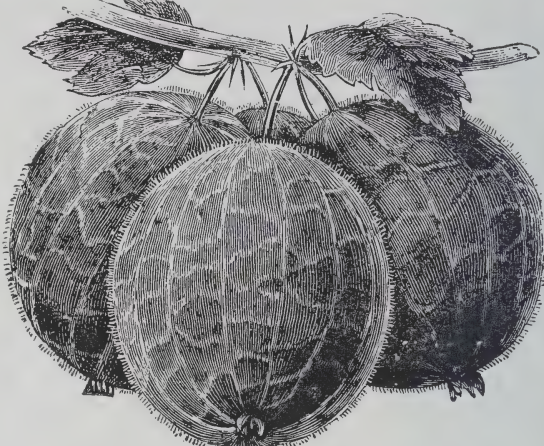
both for cooking and table use. Bushes stocky, vigorous, hardy, very prolific, and nearly free from mildew but densely clothed with large sharp spines. Each, 25c., postpaid; doz., \$2.50, by express.

—Lancashire Lad. One of the largest and best English varieties. Fruit smooth, bright red, extra size, fine quality. One of the best dessert berries. Bush strong grower and productive. Each, two-year-old plants, 30c.; 4 for \$1.00; doz., \$2.50, by express at purchaser's expense.

—Keepsake. A few years' trial in this country of the large-fruited English Gooseberries has proven that in many instances they can be grown without any indication of mildew. The Keepsake is a very large, straw-colored variety, of the finest quality and largest size. It is an excellent shipper; its abundant foliage protects the fruit. We offer imported two-year-old plants, each 30c.; 4 for \$1.00; doz., \$2.50, by express at purchaser's expense.

—Whitesmith. Combines size, beauty and quality with vigorous growth and productiveness. Fruit large, roundish oval, and of a yellowish white color, slightly downy and of finest quality. Each, 25c., postpaid; doz., \$2.50, by express at purchaser's expense.

—May Duke. A large roundish, to oval, red berry of rich and agreeable flavor, of English origin. It has succeeded splendidly in Canada the past five years, and we can confidently recommend it. The plant is remarkably vigorous and productive, the fruit large, beautiful and of excellent quality. One of the best varieties in cultivation. Each, 35c.; doz., \$3.50, by express at purchaser's expense.

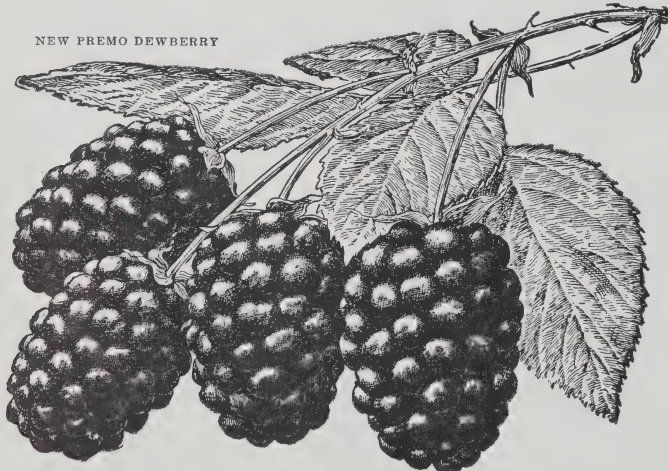


INDUSTRY GOOSEBERRY

NEW PREMIO DEWBERRY

An Extra Early Blackberry of the Lucretia Type

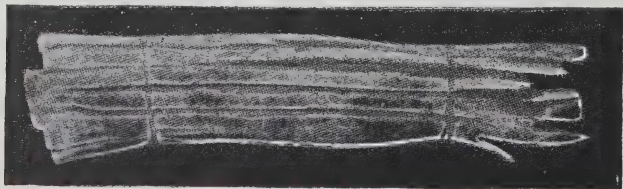
It is a very large, jet black, firm and good, and ripens its crop very uniformly. It is with the greatest confidence that we introduce the "Premio Dewberry." We believe it will be the greatest money-maker for fruit growers and the most satisfactory blackberry for the consumer. It is just what the growers have been looking for—a large, early, productive blackberry, of the Wilson or Lucretia type. It is a larger and more perfect berry than either the Lucretia or Wilson, and taking into consideration its heavy yielding qualities, it will, without doubt, be very extensively grown for market purposes. Each, 15c.; dozen, \$1.25, postpaid; 100, \$7.50, by express at purchaser's expense.



NEW PREMIO DEWBERRY

BOHEMIAN HORSE RADISH

A valuable recent introduction of the U. S. Department of Agriculture. It is a much more rapid grower than the old variety in general use, and is, therefore, ready for use a great deal earlier. Its large, white roots may be raised in almost any soil, and when planted in rows, may be harvested like potatoes. The quality of this Horse Radish is far superior to the old variety in strength and piquancy. Sets of roots, 3 for 20c.; dozen, 60c., postpaid.

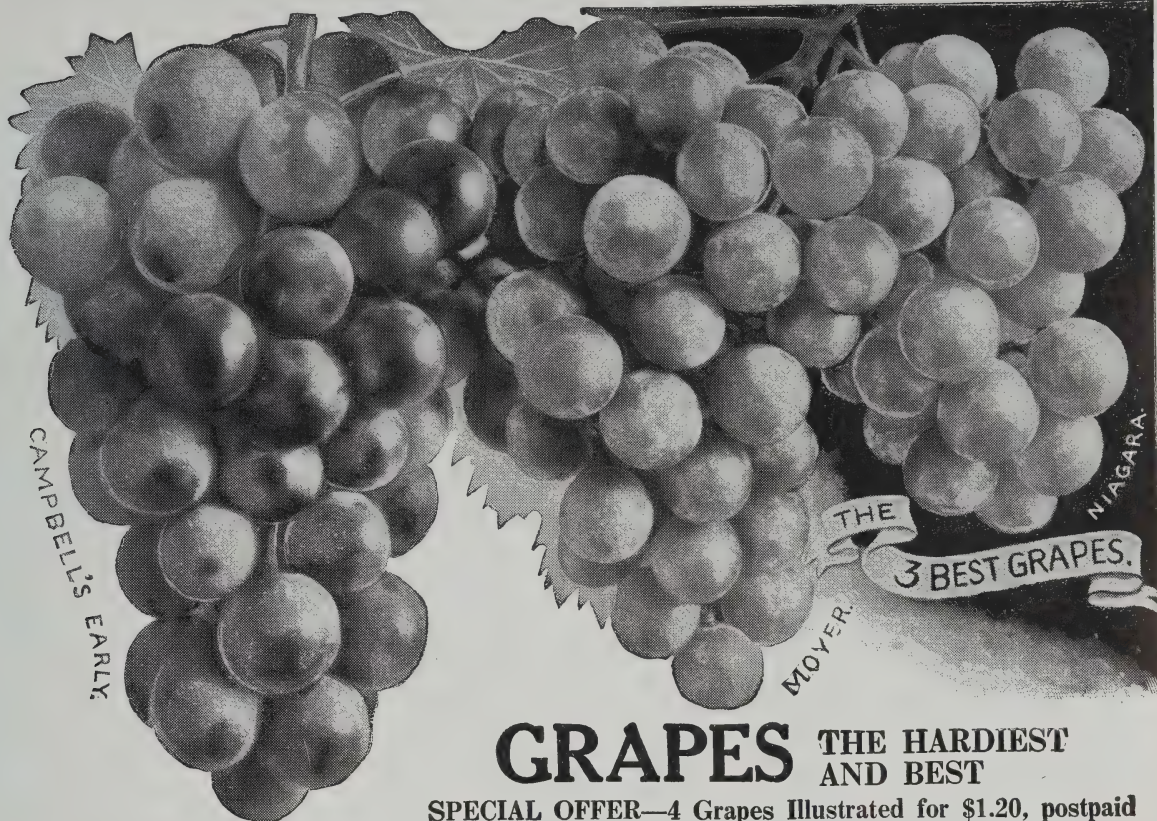


BOHEMIAN HORSE RADISH



"MAY DUKE"
GOOSEBERRY

"The Plants and Seeds I received from you last spring turned out splendidly. The Petunias were grand, also the Asters and Salvias."—J. C. C., Westmount, Que.



GRAPES THE HARDEST AND BEST

SPECIAL OFFER—4 Grapes Illustrated for \$1.20, postpaid

There is scarcely a yard so small, either in country or city, that room for one to a dozen grapevines cannot be found. They do admirably trained up to the side of any building, or along the garden fences, occupying but little room and furnishing an abundance of the healthiest of fruit. Make the soil mellow, and plant the vines somewhat deeper than they stood in the nursery. Plant about 8 ft. apart by the fence or building. For vineyard make rows 8 feet apart, 6 to 10 feet in rows.

Grape, McPike. Some points of special merit in the "McPike" are: a very strong, vigorous, hardy vine, with thick, heavy, mildew-resisting foliage, and bearing abundant clusters of fruit. The bunches are large, even and compact; the berries sometimes **three inches in circumference, covered with a rich bloom**; they are of delightful consistency and quality, ripening evenly and keeping well when shipped long distances. The vine is very strong and thrifty in growth, with great leathery leaves. Ripens before Concord. Strong, two-year-old vines, each, 40c.; per dozen, \$4.00, postpaid; by express, dozen, \$3.00.

Moore's Early (Black with heavy blue bloom). Bunch, medium size, berry very large, better than Concord in quality, and with more pulp; vine a moderate grower, very healthy and hardy, moderately productive; a valuable market variety. Each, 25c.; 5 for \$1.00, postpaid; dozen, by express, \$1.50.

Brighton. Bunch large, well formed; berries above medium to large, round, excellent flavor and quality; one of the earliest in ripening. Each, 25c.; 5 for \$1.00, postpaid; dozen, by express, \$1.50.

Eaton. In general appearance strongly resembles Moore's Early. Bunches very large, compact; berries very large, black, with blue bloom, skin thick, flesh juicy, with some pulp, though tender, mid-season. Each, 30c.; 4 for \$1.00, postpaid; by express at purchaser's expense, \$2.00 per dozen.

Campbell's Early. Its strong, hardy, vigorous growth, thick, perfectly healthy foliage, very early ripening and abundant bearing of large and handsome clusters of excellent quality. It is of large size, of a glossy black color, with a beautiful blue bloom; pulp sweet and juicy; seeds small, few in number and parts readily from the pulp. Each, 40c.; 3 for \$1.00, postpaid; per dozen, by express, \$3.00.

Moyer (Red). It ripens with the very earliest, has large berries, and so far has been free from rot and mildew; has stood, unprotected, 35 degrees below zero without injury. Very sweet as soon as colored; skin tough but thin, pulp tender, juicy, of delicious flavor. Each, 30c.; 4 for \$1.00, postpaid; dozen, by express, \$2.00.

Niagara (Light greenish white). Vine hardy, unusually strong grower; bunches very large and compact, sometimes shouldered; berries mostly round, semi-transparent, slightly ambered in the sun; skin thin but tough, does not crack; quality good. Each, 30c.; 4 for \$1.00, postpaid; dozen, by express, \$2.00.

Moore's Diamond (Greenish white). It is a prolific bearer, produces large, handsome, compact bunches, slightly shouldered. The color is a delicate greenish white, with a rich yellow tinge when fully ripe; skin smooth, very few seeds, juicy and almost entirely free from pulp. It ripens early. Each, 30c.; 4 for \$1.00, postpaid; dozen, by express, \$2.00.



NEW GRAPE—"McPike"

ORDER EARLY In the event of the Parcels Post System coming into operation before 1st June, we reserve the right to ship Seeds and Plants by express if to advantage.

STRAWBERRIES

they can neither dry nor freeze, until they can be planted in suitable weather. Do not plant very deep, but press the earth firmly about the roots. For field culture set in rows 3 to 3½ feet apart, 15 to 18 inches in rows; for garden, 15 inches each way, leaving pathway every third row. Blossoms of all varieties are bi-sexual or perfect, except those marked with the letter P, which are destitute of stamens and are termed pistillate or imperfect. Pistillate varieties must have a row of a perfect-flowered sort, planted every 9 or 12 feet among them, or, better yet, every third or fourth plant in the row to pollinize their blossoms.

MORNING STAR (New) We have in the Morning Star a very early variety producing in great abundance very large and beautiful strawberries of the highest quality.

Morning Star is more valuable than any other Strawberry in cultivation. In addition to being ten days earlier than any other variety producing large berries, the Morning Star is of the very largest size, rich crimson color, of the highest quality and firm texture. The plant is a superb grower with large, dark green healthy foliage, and very prolific; the first early-ripening variety yet produced; the blossom is perfect. Dozen, 40c.; 100, \$2.00, postpaid; by express at purchaser's expense, 100, \$1.25; 1,000, \$9.00.

BEDERWOOD (Early)

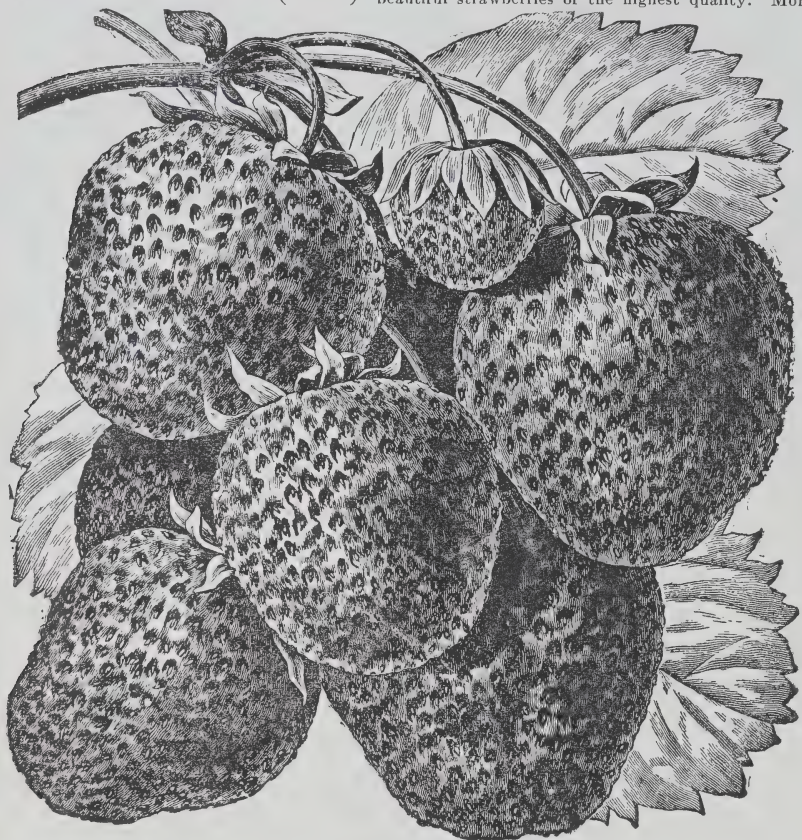
One of the heaviest fruiters. Berries deeply netted, crimson color; quite large, deliciously sweet, flesh creamy white. Succeeds on all soils. A favorite variety with leading growers, and a good shipping sort. Doz., 40c.; 100, \$2.00, postpaid; by express at purchaser's expense, 100, \$1.25; 1,000, \$8.00.

CLYDE (Early)

This splendid variety has fruit of enormous size, bright scarlet in color, in shape round and conical. It is one of the most productive varieties, stands the dry season well, and has given immense satisfaction wherever grown, being a vigorous grower, early and of fine quality. Doz., 30c.; 100, \$1.50, by mail, postpaid; by express at purchaser's expense, 100, \$1.00; 1,000, \$7.00.

SENATOR DUNLAP

A well-tested, wonderfully productive variety, one of the safe sorts to plant everywhere, and sure to take a high place among the prominent standard sorts. Plant resembles Warfield; rampant runner, should be restricted in its production of plants, fully equal to Crescent and Warfield in its ability to succeed under all circumstances. Fruit good size, regular form, beautiful bright red, glossy, firm, splendid keeper and shipper, excellent quality, one of the best for canning. Ripens early and continues a long time. It promises to stand at the head in its wonderful ability to ripen a good crop under almost any condition of drought or neglect. One of the most profitable berries grown. Doz., 40c.; 100, \$2.00, postpaid; by express at purchaser's expense, 100, \$1.25; 1,000, \$8.00.



SENATOR DUNLAP

"EXCELSIOR" (Extra Early)

Foliage dark green, berries bright red, flavor quite tart, and a good shipper. Very largely used. We received it from the originator, who has developed it by continued selection and restriction for 9 years. Doz., 40c.; 100, \$2.00, postpaid; by express at your expense, 100, \$1.15; 1,000, \$8.00.

MARSHALL

(Mid-Season)

Has now been tested in many localities, and all agree that it is a remarkable berry for its great size and quality. Plants strong and vigorous, with heavy, thick foliage, protecting the blossoms and roots; stands drought well. The fruit is of a dark crimson color, flesh fine and of delicious flavor; a fine keeper and carries to market well. Doz. 30c.; 100, \$1.50, postpaid; by express at purchaser's expense, 100, \$1.25; 1,000, \$7.00.



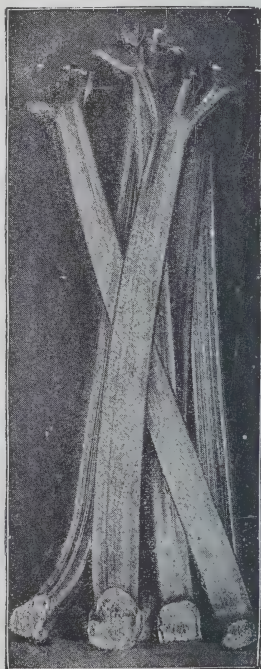
HERBS, PLANTS AND ROOTS

New Golden Thyme. Perfectly hardy, growing rapidly. Leaves are curiously edged and variegated with golden yellow. A grand edging or border plant. Each, 15c.; 4 for 45c.

Holt's Mammoth Sage. Very strong-growing. Leaves are borne well above the soil, very large and of unusual substance; strong in flavor. Each, 15c.; 2 for 25c.; doz., \$1.00.

Chives, Roots. Grown for their tops; used wherever the flavor of onion is required. They will grow readily and increase in any common garden soil. Perfectly hardy. Clumps, each, 15c.; 3 for 40c.

Rhubarb Roots, each, 20c.; 3 for 50c.; doz., \$2.00, postpaid; doz., \$1.50, by express at your expense.



RHUBARB

RASPBERRIES

Raspberries will do well on any good deep soil. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they have done bearing, cut out the old wood to give more vigor to the young canes. For field culture plant in rows about 5 feet apart, with plants $3\frac{1}{4}$ feet in a row, except Cap varieties, which should be 6 by $3\frac{1}{2}$ feet. For garden culture they may be set 3 feet apart each way. Caps, 4 by 3 feet.

We prepay postage at dozen prices; hundred rate shipped at your expense.

RED RASPBERRIES

—**Cuthbert, or Queen of the Market.** A remarkably strong, hardy variety. Berries very large, measuring 3 inches around, conical; rich crimson, very handsome flavor, is sweet, rich and luscious. 3 for 25c.; doz., 75c., postpaid; 100, by express at your expense, \$4.50.

—**London.** Its points of superiority are vigor of growth and enduring winters without protection and without injury. It stands shipping the best of any variety, and will remain on bushes the longest without injury. 3 for 50c.; doz., \$1.75, postpaid.

—**Marlboro.** It is earlier than Cuthbert, yet continues longer in bearing. It combines the large size and superior qualities of the best foreign varieties. 3 for 35c.; doz., \$1.00, postpaid.

—**Columbia.** The berry is firm, adheres to the bush for a long time and retains its shape well. Bush, a strong grower, attaining a very large size. One of the hardiest and wonderfully prolific. Unexcelled for productiveness and stands at the head for canning. Each, 15c.; doz., \$1.50.

—**Superlative.** This great variety is of English origin. We have grown it here in Canada for a number of years and have found it very satisfactory. It is superior to the old Cuthbert, which it somewhat resembles. It is a heavy yielder bearing large, handsome, conical fruit of a fine, sweet and full flavor. It succeeds well on nearly any soil. Each, 20c.; doz., \$2.00, postpaid.

THE HERBERT RASPBERRY

The Heaviest Yielding Raspberry in Existence

It is the largest in size and the finest in flavor of any Red Raspberry we have ever seen or tasted. It is a great yielder, a vigorous grower, and as hardy as the wild berry.

At the Central Experimental Farm, Ottawa, the average yield of the Herbert Raspberry for three years was over 220 bushels per acre, or 7,357 pounds. Added to its wonderful yielding qualities is its excellence in color, a rich, glowing crimson,

its splendid size and rich, melting flavor. We have a limited supply of the originator's stock, all good healthy plants, perfectly true to type. Each, 20c.; doz., \$2.00.

YELLOW RASPBERRIES

—**Golden Queen.** A beautiful, large, golden yellow berry, seedling of the Cuthbert, surpassing it in size, beauty, quality and adaptability, succeeding in all sections. Canes hardy, of strongest growth, wonderfully productive. Each, 15c.; 2 for 25c.; doz., \$1.25, postpaid; 100, \$4.50.

BLACK RASPBERRIES

—**New Cumberland Black Cap.** In hardiness and productiveness it is unexcelled by any other variety. In size the fruit is simply enormous, far surpassing any other sort. In spite of its unusually large size, it is possessed of great firmness and is thus well adapted for standing long shipments. The bush is exceedingly healthy and vigorous, throwing up stout, stocky canes, well adapted for supporting their loads of large fruit. Each, 20c.; doz., \$1.75, postpaid.

—**Kansas Black Cap.** Strong, vigorous grower, standing extremes of drought and cold, and bearing immense crops. Early, color jet black; firm, of best quality,



presents a handsome appearance, and brings highest price in market. Every planter who wants a prolific, hardy and early berry of immense size, handsome appearance and superb quality, should plant it. 15c. each; 2 for 25c.; doz., \$1.25, postpaid; 100 for \$7.00, by express at your own expense.

—**Ancient Briton.** One of the best of hardy varieties; without booming, has worked its way on its own merits to the highest place as a profitable and valuable market sort. Very vigorous, healthy and hardy—producing large fruit, stems loaded with good-sized berries of fine quality, that carry well and fetch the highest price. 3 for 35c.; doz., \$1.00, postpaid; 100, \$5.00, by express at your expense.

—**Taylor.** One of the largest fruits of the best quality, melting and without core. Berries large, one of the most productive; ripens late, very hardy. 3 for 25c.; doz., 75c.; 100, \$4.50, by express at your expense.

—**Erie.** One of the best hardy varieties, having stood unharmed a temperature of 25 degrees below zero; very productive, not having failed in producing a fine crop each year since it originated; foliage clean and healthy, free from rust; fruit large, round, good quality. 3 for 30c.; doz., \$1.00; 100, \$5.50, by express at your expense.



THE HERBERT RASPBERRY



SUPERLATIVE RASPBERRY

POULTRY SUPPLIES

RUST'S EGG PRODUCER

Makes hens lay when eggs are high priced

Lb. pkts., 25c., by mail, postpaid, 40c.; 2½ lb. box, 50c.; 6 lb. box, \$1.00; 10 lb. box, \$1.50, by express or freight only at purchaser's expense.

RUST'S HAVENS' CONDITION POWDERS

The only positive preventive and cure for Gapes and Poultry Cholera and the best medicine for horses, cattle, sheep and hogs.

It is not a feed, but an honest medicine at an honest price. Liberal packages weighing 14 ozs., 25c., by mail, postpaid, 40c.; 2 lb. box, 50c.; 5 lb. box (equal to six 25c. packages), \$1.00, by express or freight at purchaser's expense.

RUSTS' LICE KILLING POWDER

This powder kills lice and other vermin on poultry, animals, plants, or on anything. This is absolutely the best louse-killer on the market. It is not a poison, but a lasting, convenient and cheap powder which works without injury. It is entirely reliable in poultry, horse stables, pigeon lofts, kennels, or wherever lice are to be found. We confidently recommend this as being the best yet put before the public. 5 oz. pkt., 10c., by mail, 16c.; 1 lb. pkt., 25c., by mail, postpaid, 43c.

RUST'S HAVENS' ROUP PILLS

These pills act directly on the glands and mucous membrane, allay all tendency to fever, and carry off all morbid matter from the system. They are entirely free from anything harmful and are believed to be the best remedy ever discovered for Roup, Catarrh, Colds and Distemper. They are unlike any other medicine, and being composed of drugs in concentrated form, they are of moderate size, and are therefore easy to give to fowls. Per box (43 pills), postpaid, 30c.

CYPHERS ROUP CURE

Cure guaranteed or money refunded

Cyphers Roup Cure cures roup, prevents roup, and cures common colds, and for canker is without equal. Pigeon growers as well as poultrymen will find this remedy of special value in the cure of all forms of canker in poultry or pigeons. Cyphers Roup Cure is used by simply dissolving the remedy in the drinking water. The birds take their own medicine. Full directions for the use of this remedy will be found on the labels of every package. Prices of Cyphers Roup Cure—small-sized pkg., 50c., postpaid, 55c.; large-sized pkg., \$1.00, postpaid, \$1.10.

Cyphers Lice Powder

Cyphers Lice Powder is carefully compounded and contains no chemicals that will injure the fertility of the eggs or be dangerous to newly-hatched chicks. It is clean to handle, easy to apply, sure in effect, and can be used in the nests of sitting hens with satisfactory results. For lice on poultry, cattle and horses, ticks on sheep, and fleas on dogs, Cyphers Lice Powder is a most effective remedy. Prices—15 oz. box, 25c., postpaid, 40c.; 48 oz. box, 50c.; 100 ounce packet, by express at customer's expense, \$1.00.

CYPHERS POULTRY MEDICAL CASE

Cyphers Poultry Remedies represent an armament sufficiently complete for combating all the common diseases of poultry and checking at the start any threatened epidemic. Equipped with a "Cyphers Medical Case," the fancier or poultryman will be prepared to ward off diseases that may attack his flocks. The ten remedies are put up in a neat, strong, cloth-covered case. Each bottle is labelled, showing the dosage and the disease which its contents will cure and prevent. Complete directions for use are attached to the lid of each case, and are printed on the label of each vial. Per case, \$2.25.

PERFECT MARKER



POULTRY PUNCH

70c.; postpaid, 75c.

THE MODEL TOE MARKER

50c.; postpaid, 55c.

GALVANIZED IRON WALL FOUNTAIN

These founts are very handy, as they may be hung up on the side walls of the poultry house so as to prevent litter getting into the water. They are made of heavy galvanized iron. This fountain has a good sized square opening, making it easy to clean and permitting a free flow of water. They are largely used by pigeon keepers. 1 gallon, 75c.; 2 gallon, \$1.25. Cannot be mailed.



WALL FOUNTAIN

SANITARY GRIT AND SHELL BOX

Necessary on every well-organized poultry plant

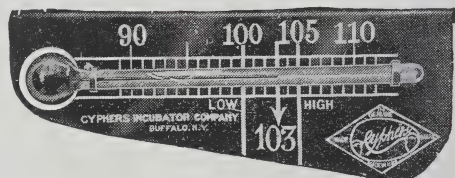
Sanitary Grit and Shell Boxes work a material saving in grit, oyster shells, ground bone, charcoal or poultry foods. They are thoroughly practical self-feeding boxes, well-made out of heavy galvanized iron and are practically indestructible. The style of box is made with three compartments—for grit, oyster shell and charcoal—but where a small flock is kept, may be made to serve the purposes of a dry food hopper. Price of Sanitary Grit Shell Box, each, 75c.

THE KNOX NEST EGG

The Knox Lice Killing Nest Egg is a combined nest egg and lice killer. By simply using it in the nest, laying hens are freed of lice and mites, and are able to keep on the nest with comfort. They will last a long time and always retain their effectiveness. Standard in size, tinted a natural brown color, the genuine bear embossed on each egg the words "Knox Nest Egg." Prices, each, 10c.; dozen, \$1.00. Postpaid, each, 13c.; dozen, \$1.30.



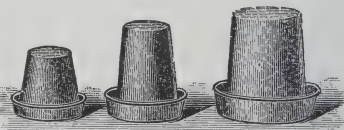
HIGH-GRADE TESTED THERMOMETERS



Hundreds of hatches in incubators fail because of the inferior thermometers and large number of chickens are killed in brooders owing to defective or worthless thermometers. The thermometers here listed are manufactured specially for us, and are thoroughly tested before they are shipped. Two-thirds of the thermometers on the market are made from improperly-seasoned glass tubes, and what are termed green thermometers. These thermometer tubes are carried in stock two years before being mounted on the scale. Incubator, 55c.; Brooder Thermometers, 50c., postpaid.

GALVANIZED IRON DRINKING FOUNTAIN

These Galvanized Iron Drinking Fountains embody every good feature of the up-to-date fountain, and are acknowledged to be the best in use. They are light and non-breakable, easily cleaned and keep the water cool. The small size fountain is just the right size for brooder use. Prices, small size, each, 30c.; medium size, each, 40c.; large size, each, 60c.

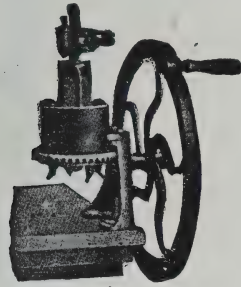


LEG BANDS

Climax Adjustable meet with a large sale and give perfect satisfaction. They are light, neat, strong and durable; easily adjusted and quickly put on and guaranteed to stay on. Dozen, 15c.; 100, \$1.10, postpaid.

Leader Adjustable. This is a well-known aluminum leg-band made in two sizes, adjustable to fit small or large fowls. Dozen, 20c.; 100, \$1.10, postpaid.

MANN'S MODEL BONE CUTTERS



MANN'S NO. 5B

Patented 1902 model automatic governing spring feed. Large, open-hinged cylinder, giving instant access to all working parts. Six special knives. Gear guard, anti-clog device. Heavy balance wheel, with adjustable handle. Weight, 107 lbs. Capacity, $\frac{1}{2}$ to 1 lb. per minute. Made in one size only. Price, \$14.00.

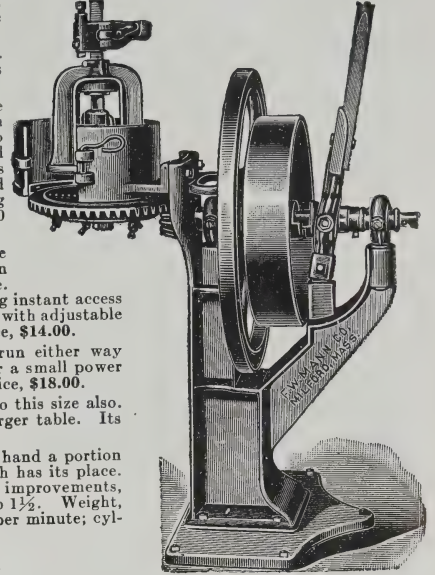
No. 7 $\frac{1}{2}$.—Semi-Power. A combination hand or power Bone Cutter. Adapted to run either way without changing any part. It is always ready for use. Intended to meet the demand for a small power cutter. Cylinder same as No. 7. Capacity, 50 to 100 lbs. per hour. Weight, 150 lbs. Price, \$18.00.

No. 9.—Intended for flocks of 100 to 300 hens. The description of No. 7 will apply to this size also. The difference consists of larger cylinder, greater holding capacity, different design and larger table. Its economy is evident. Weight, 163 lbs. Capacity, $\frac{1}{4}$ to $\frac{1}{2}$ lbs. per minute. Price, \$20.00.

No. 11 Power Machine.—Intended for large flocks, when the machine must be run by hand a portion of the time. It is really a semi-power and semi-hand or combination machine, and as such has its place. The No. 11 is exactly the same as the No. 9 with the power parts added. It has all the latest improvements, special feed, anti-clog, open cylinder, tight and loose pulleys, etc. Horse power required, 1 to 1 $\frac{1}{2}$. Weight, 215 lbs. Diameter of pulley, 15 ins., 3 $\frac{1}{2}$ inch face; speed of pulley, 300 to 350 revolutions per minute; cylinder same size as No. 9. Capacity 100 lbs. and upwards per hour. Price, \$27.50.

We carry BONE CUTTER KNIVES and other parts in stock.

Catalogue of Mann's Bone Cutters free on application.



BONE CUTTER NO. 11

PURINA CHICK FOOD—A Scientifically-Compounded Food for Young Chicks

Purina Chick Food is a mixture of 11 different grains and seeds proportioned as to meet all the needs of growing chicks and to fully nourish them. By the term "fully nourish" we mean a great deal. Chick foods, as a rule, contain too much fat-forming and not enough bone-forming elements, and in consequence the chick develops indigestion and diarrhoea, and quickly starves to death. Or, if partially nourished, leg weaknesses develop and the chick drags out a miserable existence. This chick food fills all requirements, as the food is a complete and properly balanced ration ready for use. Price, per 100, \$3.50.

CRUSHED OYSTER SHELLS This is the most important article for the poultry yard through the winter and should be liberally supplied to fowls. In summer when allowed to run at large, they can find their own shell material, but when everything is frozen over and covered with snow, they must be helped if eggs are wanted. Coarse crushed and fine medium. 20 lbs., 25c.; 100 lbs., 85c.

GRANULATED POULTRY BONE It is about the size of wheat, and can be fed like any other food in grain, about one handful to every five fowls daily or every other day. In either manner it furnishes valuable food for poultry at all seasons of the year. 10 lbs., 25c.; 100 lbs., \$2.50.

MICA CRYSTAL GRIT Is a hard mineral product containing sodium, aluminum, magnesium and iron—natural properties which every raiser knows to be necessary to produce paying hens. To aid digestion it is necessary to feed some gritty material. This grit supplies this want better than any other article ever known. Medium and fine. 20 lbs., 25c.; 100 lbs., 85c.

FELDSPAR POULTRY GRIT This grit is manufactured in Canada and is meeting with a large sale. A very large number of poultry fanciers claim that it is superior to any other on the market. Medium and fine. 20 lbs., 25c.; 100 lbs., 80c.

BLOOD MEAL A good egg-producer and should be fed at all seasons. Price, 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25.

MEAT MEAL Price, 25 lbs., 75c.; 50 lbs., \$1.50; 100 lbs., \$2.50.

BEEF SCRAPS High Protein Beef Scrap is an especially valuable meat food for poultry and gives very satisfactory results when fed dry from a food hopper. Price, 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25.

CLEVELAND LAWN WEEDER No more broken backs. This little device gets at the root of the evil and removes it bodily. The curved edge of the blade enters and loosens the soil. Pressure on the lever then causes the toothed jaw to grasp the plant and a slight pull suffices to dislodge it without disturbing the surrounding soil. Each, 75c., by express at customer's expense.



THE EUREKA CORN PLANTER

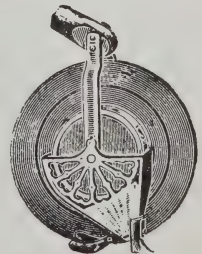
The Eureka is the cheapest and best corn planter on earth. As a labor saver in a corn planter it stands unrivalled. The working parts are simple and durable. It has been used for a number of years and has given the best possible satisfaction.

Directions—To regulate the number of grains to be dropped in each hole, remove the slide that passes through the planter and you will see a piece of brass that is held by a small screw; by loosening this you can set for any number you wish. After regulating this to the required amount, try it on the floor. The planter is used in the same manner as a walking stick with the automatic foot forward, and as the man steps ahead it will trip the planter. Price, \$1.50 each. By express at purchaser's expense.

GEM HAND SEEDER

FOR SMALL SOWINGS AND HOT-BEDS

It will open the drill, sow and cover beet, cabbage, carrot, celery, lettuce, radish, turnip and all such seeds with perfect regularity. It sows much more evenly and ten times as rapidly as by hand. The quantity to be sown can quickly be regulated and also the depth; it is the only drill made for sowing in hot-beds. Will sow a small packet of seeds as well as larger bulks. Simple, easily understood and cannot get out of order. Each, \$1.25; postpaid, \$1.85.



GEM HAND SEEDER



TURN YOUR SPARE TIME INTO MONEY BY KEEPING POULTRY

It is said that the farm is the most profitable place to keep Poultry, but it has been proven beyond doubt that the person living in the city or town with an average sized lot can also make it pay, and pay well. We carry a complete stock of Foods and Supplies. Write for free Booklet and prices.

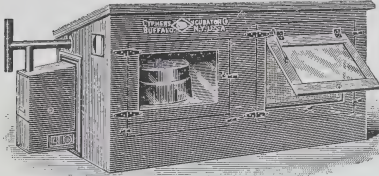
We are agents for Cyphers Standard Incubators, Brooders, Adaptable Hovers, Foods, Remedies, etc., etc.

CYPHERS FIREPROOF INSURABLE INCUBATORS

No.	Capacity	70 Hen Eggs	56 Duck Eggs	PRICES
No. 0.	Capacity	70 Hen Eggs	56 Duck Eggs	\$17.00
" 1.	" 144	" 112	" "	25.00
" 2.	" 244	" 200	" "	34.00
" 3.	" 390	" 300	" "	40.00



CYPHERS LATEST MODEL BROODERS



CYPHERS STYLE B OUT-DOOR BROODER
(Known as Style A previous to 1909)

"LITTLE GIANT" BROADCAST SEED SOWER



"LITTLE GIANT SEEDER"

This machine does perfect work in the easiest and simplest manner. It is strong and light; weight 3 lbs. It will distribute to the round—Wheat, 50 ft.; Flax Seed, Clover and Oats, 36 ft.; Timothy, 27 ft.; and will sow 20 acres per day. We highly recommend this labor-saving machine and are sure it will prove entirely satisfactory. Crank Seeders, each, \$1.75; postpaid, \$2.35.



ORIGINAL
IN EVERY
FEATURE.
NEVER BREAKS
OR FAILS TO
DO GOOD WORK.

SHELLS FAST,
SHELLS CLEAN,
SHELLS EASILY.

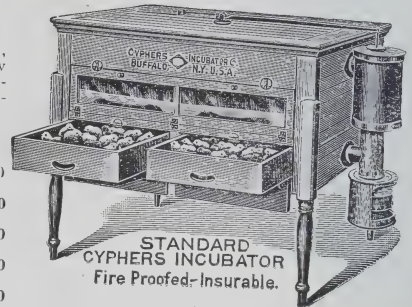
"BLACK HAWK"
CORN SHELLER

Fire-proofed—insurable. Three-Apartment, Combination Out-door Brooder and Colony Roosting Coop. Self-ventilating and self-regulating. Floors of hover and exercising apartments on same level.

PRICES EX-WAREHOUSE, HAMILTON.

Cyphers Portable Brooding Hove, each	\$ 9.50
Cyphers Adaptable Hover, Capacity, 75	
Chicks	10.00
Cyphers Style A, Out-door, Capacity 100	
Chicks	16.00
Cyphers Style B, Out-door, Capacity 100	
Chicks	20.00
Cyphers Style C, Out-door, Capacity 100	
Chicks	22.50
Cyphers Style D, Indoor, Capacity 75	
Chicks	15.00

Please Note—That all goods are quoted ex-warehouse Hamilton, freight or express to be paid by purchaser, and cash must accompany order.



No. 2 INCUBATOR. CAPACITY 244 EGGS.

"BLACK HAWK" GRINDING MILL

An Excellent Mill for Home Use

For Grain only. A cheap and handy Grinding Mill. If you live in a wheat country you can always have fresh Graham Meal as well as Corn Meal for the table. Just the machine for the poultry man, farm or family use. It is readily taken apart for cleaning or oiling without the use of tools. Easily adjusted for fine or coarse grinding of wheat, corn or other dry grain or spices. All bearings are chilled; crank of malleable iron. Grinding plates made of hardest and strongest metals. Weight, complete, 12 lbs.

Each \$3.00, by express at purchaser's expense.

BLACK HAWK FEED MILL.



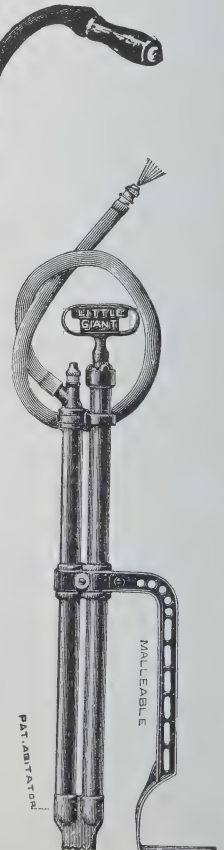
"LITTLE GIANT" BUCKET BRASS SPRAY PUMP

This spray pump is constructed entirely of brass, a material that is not affected by the poisonous arsenics used in different formulas for spraying. It is so arranged that the labor of pumping is all done on the down stroke of the piston. The operator is enabled to keep a constant pressure on the nozzle of from 50 to 100 lbs. with but very ordinary exertion. It will throw a solid stream of water 50 feet, and is of unusual value for washing windows, buggies, sprinkling lawns, flowers, etc. Each, \$3.50, by express or freight at customer's expense.

"BLACK HAWK" CORN SHELLER

A SHELLER THAT SHELLS

It can be set to shell any corn that grows—set it for pop corn and it will shell pop corn; set it for field corn and it will shell field corn; set it for the largest corn that grows and it will shell the largest corn. This practical sheller meets every requirement, appeals to common sense, and is our best agent. The working parts are all machine-made not castings hastily thrown together. Every part is perfectly fitted and can be duplicated at any time. Weight, 11 lbs. Each, \$2.50, by express at purchaser's expense.



SPRAYING MACHINES

SPRAMOTOR JR. No. 2

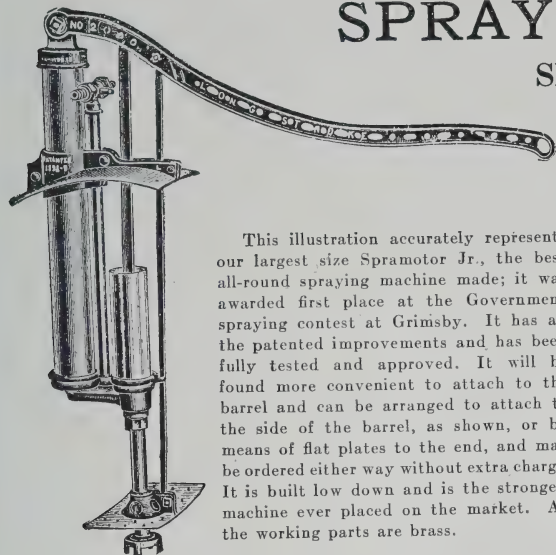


Fig. 13.

This illustration accurately represents our largest size Spramotor Jr., the best all-round spraying machine made; it was awarded first place at the Government spraying contest at Grimsby. It has all the patented improvements and has been fully tested and approved. It will be found more convenient to attach to the barrel and can be arranged to attach to the side of the barrel, as shown, or by means of flat plates to the end, and may be ordered either way without extra charge. It is built low down and is the strongest machine ever placed on the market. All the working parts are brass.

Recommended for all kinds of Tree Spraying

Spramotor No. 2, brass working parts.....	\$13.00
1 Line Hose, 10 ft., with Couplings.....	1.25
1 Hand Valve, Fig. 52.....	1.00
1 10-ft. Bamboo, with Drip Guard.....	2.50
1 2-cluster Nozzle, Fig. 68.....	1.75
	\$19.50

Spramotor Jr. No. 1, brass working parts.....	\$10.00
1 Line 1/2-inch Hose, 10-ft., with Couplings.....	1.25
1 Hand Valve, Fig. 52.....	1.00
1 Bamboo Extension Rod and Drip Guard.....	2.50
1 Single Nozzle.....	.75
With 2-nozzle cluster.....	1.75
	\$17.25

No. 0, unequalled for painting, white-washing, etc. May be attached to 5 or 10 gal. cans.

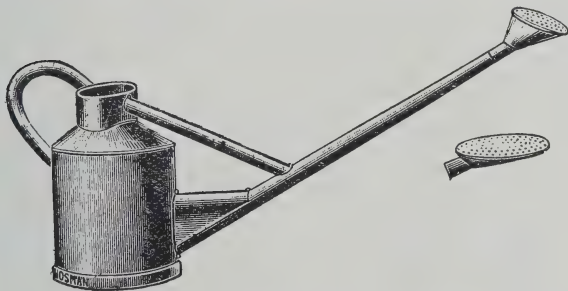
Spramotor Jr. No. 0, brass working parts.....	\$ 6.00
10-ft. 1/4-inch Hose, with brass Couplings.....	1.25
1 8-ft. iron Extension Pipe, in 3 lengths.....	.60
1 Hand Valve, Fig. 52.....	1.00
1 Nozzle, Fig. 35.....	.75
1 Patent Drip Guard.....	.40
	\$10.00

Illustrated Spramotor Catalogue Free on Application



SYRINGES

Extra Heavy Brass, ball valve, coarse and fine spray and jet, strong barrel and fittings, 20 x 1 1/4 ins.....	\$6.00
Heavy Brass, same fittings, 18 x 1 1/4 ins.....	4.50
Heavy Brass Syringe, 2 roses and jet, 18 x 1 1/4 ins.....	3.50
Mort Aphids. Coarse and fine spray, best brass tubes, drip preventor, 20 x 1 1/4 ins.....	5.00
Abol Spraying. Best brass drip preventor, 20 x 1 ins.....	3.50
Heavy Brass, with rose, jet, and insecticide nozzle, 18 x 1 1/4 ins.....	3.50
Ordinary Brass Syringe, rose and jet, 16 x 1 1/4 ins.....	1.75
Four Oaks. Heavy brass, 1 rose and jet, 20 x 1 1/4 ins.....	4.50
Four Oaks. Heavy corrugated brass, with detachable angle tip, 2 nozzles. Excellent for spraying under leaves, 14 x 1 ins.....	4.00
Four Oaks. Light brass syringe, with rose and jet, 18 x 1 1/4 ins.....	1.50
Four Oaks. Garden syringe, for applying insecticides, 12 x 1 ins.....	0.75

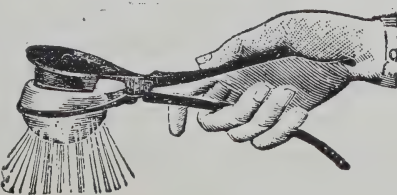


ENGLISH WATERING CANS

Haw's Pattern. Galvanized iron, extra brass rose, first quality.	
6 Quarts.....	\$2.25
12 Quarts.....	\$3.25
10 Quarts.....	\$3.00
Chiswick Pattern. Galvanized iron, straight spouts, extra brass rose.	
4 Quarts.....	\$1.25
8 Quarts.....	\$2.00
6 Quarts.....	\$1.50

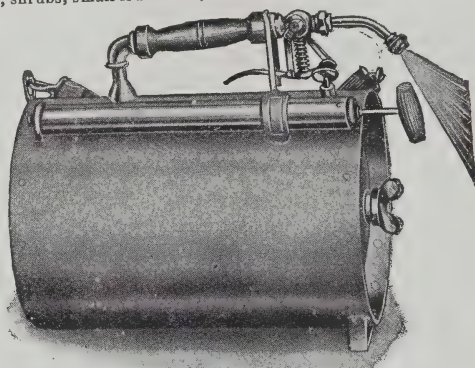
Spray appears like a fog. Best clothes sprinkler in the world. Sprinkles so evenly. Excellent for flowers and houseplants. Moistens them as by a fog. Fills instantly. Uses impossible to describe. Sells on its own merits. Each 70c. postpaid; extra balls, each, 25c.

ATOMIZER AND SPRINKLER

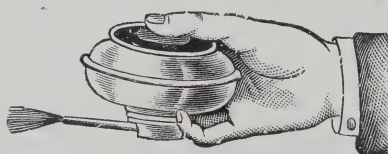


FOUNTAIN COMPRESSED AIR SPRAYER

This excellent little machine is a great time-saver, as well as an efficient sprayer. It is light, easily operated, and will do the work as fast as a man can walk. The body of the "Fountain Compressed Air Sprayer" is composed of a strongly-made galvanized iron reservoir, holding two gallons of spraying mixture. The pressure is given by a few strokes of the air pump attached to the outside; once charged it will spray ten or twelve minutes. Within easy reach of the operator's finger is an ingeniously constructed valve, by means of which the operator can regulate the spray. This sprayer, which has been well tried, will prove invaluable for spraying potatoes or other garden and farm plants, shrubs, small fruit trees, and for greenhouse work. **\$6.50 each.**



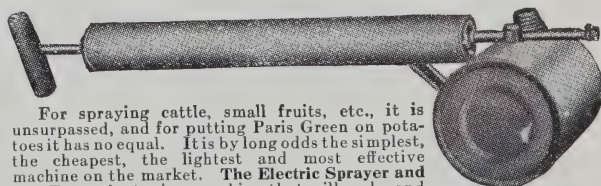
FOUNTAIN AIR SPRAYER



"Jumbo" Powder Gun

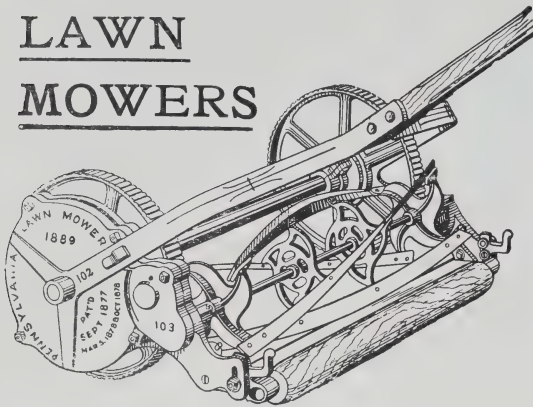
For Insecticides
Large size.....50c.
Small size.....25c.

ELECTRIC SPRAYER AND BUG EXTERMINATOR



For spraying cattle, small fruits, etc., it is unsurpassed, and for putting Paris Green on potatoes it has no equal. It is by long odds the simplest, the cheapest, the lightest and most effective machine on the market. The Electric Sprayer and Bug Exterminator is a machine that will make and save more money for farmers, gardeners, florists, orchardists, stockmen and poultrymen than any other machine they can buy, cost not considered. **\$1.25 each; postpaid, \$1.50 each.**

LAWN MOWERS



Woodyat Lawn Mower. An easy running, perfectly constructed machine of Canadian make. The knives are made of tool steel, oil-tempered, and with easily adjusted bearings and parts. Driving wheel, 10½ inches. Each, 12-inch, \$5.50; 14-inch, \$6; 16-inch, \$6.50.

THE NEW PENNSYLVANIA GRAND HORSE MOWER

The new machine, in addition to the good qualities of our regular Horse Mower, has some features that are distinctively its own which will recommend it to all who use horse-power machines.

Cutting Adjustment—The wheel at the right of the driver's seat regulates the height of the cut from ¾ inches to 2¾ inches. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one. Complete with seat, shafts, etc., as illustrated.

30-inch cut, 4 knives, Shpg. Wt. 635 lbs. \$120.00

30-inch cut, 6 knives, Shpg. Wt. 645 lbs. \$132.50

38-inch cut, 4 knives, Shpg. Wt. 720 lbs. \$150.00

The Braun Grass Box can be used on all Pennsylvania Horse Mowers. It saves raking after cutting by catching the grass.

For 30-inch Mowers..... \$30.00 For 38-inch Mowers..... \$35.00

Send for illustrated catalogue of Pennsylvania Mowers. It's free.

PENNSYLVANIA LAWN CLEANER AND RAKE

This machine will remove from the lawn not only the cut grass, but all sorts of litter, leaves and trash, leaving the grass standing upright and free from foreign matter that prevents the sunlight and dew from getting to the roots.

The action of the three revolving 24-inch wire-tooth rakes is beneficial to the turf, for it raises up the low-growing crab grass and other spreading weeds, allowing the lawn mower to cut the seed pods off before they ripen, thus preventing their reappearing the following year.

This is most effectually accomplished by the use of the Pennsylvania Lawn Cleaner and Rake. This machine is easy to operate, and with it one man will do more and better work than four men with hand rakes. Packed one in a crate; one size only, 24 inches wide. Shipping weight, 80 pounds. List each, \$20.00.

EARTHENWARE FLOWER POTS & HANGING POTS

The measurement is from inside to outside. Packing charged extra. Pots are carefully packed and are shipped at purchaser's risk.

FLOWER POTS

In.	Each	Doz.	100
2.....	—	\$0.15	\$1.00
2½.....	—	.20	1.20
3.....	—	.25	1.50
3½.....	—	.25	1.75
4.....	—	.30	2.00
5.....	\$0.05	.45	3.25
6.....	.06	.55	4.00
7.....	.10	1.00	7.00
8.....	.15	1.50	—
9.....	.20	1.75	—
10.....	.40	4.50	—
12.....	.50	5.75	—
14.....	.80	8.50	—

SHALLOW FERN or SEED PANS

In.	Each	In.	Each
6.....	\$0.10	12.....	\$0.35
8.....	.15	14.....	.45
10.....	.20		

FLOWER POT SAUCERS

In.	Each	Doz.
5.....	—	\$0.03
6.....	—	.04
7.....	—	.05
8.....	—	.07
9.....	—	.08
10.....	—	.15
12.....	—	.20
14.....	—	.25

HANGING POTS

In.	Each
10.....	\$0.15
12.....	.25
14.....	.40

DEEP or BOSTON FERN POTS

In.	Each	In.	Each
8.....	\$0.15	12.....	\$0.30
10.....	.20	14.....	.55

"Pennsylvania." POINTS OF MERIT. Most perfectly constructed machine made; strong, durable, easily adjusted, has a rear cut, runs easily, almost noiseless, will cut long grass, leaves surface perfectly smooth; knife works from either wheel, few repairs. The favorite machine and receives highest awards everywhere. If requiring a lawn mower, select a "Pennsylvania" High Wheel. Each, 15-inch, \$16; 17-inch, \$18; 19-inch, \$20; 21-inch, \$22.

"Pennsylvania" Low Wheel, 14-inch, \$10; 16-inch, \$12.

"PENNSYLVANIA" GOLF

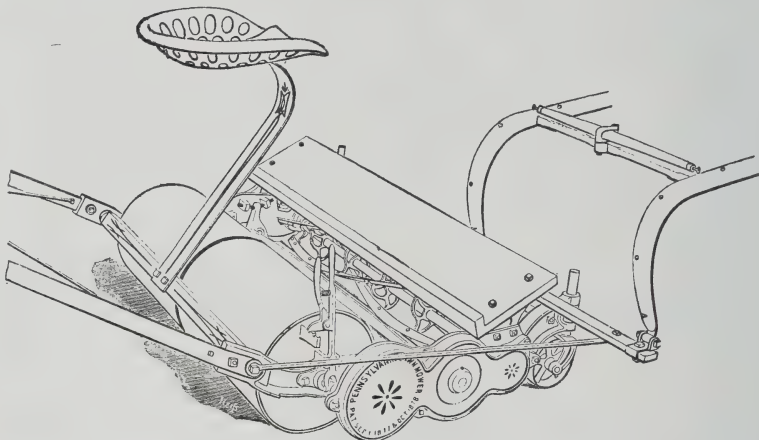
BALL BEARING

This machine, high wheel pattern, can be adjusted to cut 3/16ths of an inch, practically shaving the lawn, and is especially adapted to golf links, tennis courts, and exceptionally fine lawns. Seven blades, 19-inch cut, \$30.

Forward Grass Catcher for same, each, \$3.50.

Continental. One of the best high-grade mowers. It is made of best material and workmanship. Drive wheel 8 inches high. Each, 14-inch cut, \$11; 16-inch cut, \$12; 18-inch cut, \$13.

Braun Grass Catcher. Adjustable to "Pennsylvania" mowers only for 14, 15, 16, 17, 18 and 19-inch mowers. Each, \$2.50. When ordering, mention size of mower.



FRUIT BASKETS and BERRY BOXES

	Doz.	100	1000
Berry Boxes, 1 qt.....	—	\$0.50	\$4.00
Plant Boxes.....	—	\$0.75	—
Crated.....	—	—	7.00
Grape Baskets, 9 lb.....	\$0.55	4.00	35.00
Fruit Baskets, 11 qt.....	0.60	4.50	40.00
Basket Covers.....	0.25	1.50	13.00
Berry Crates, 24 qt. size.....	2.00	16.00	—

STANDARD THERMOMETERS

Warranted Correct Standard Grade
Air Scale

Made with seasoned tubes, graduated in single degrees; tubes mounted by clasps on heavy metal; very accurate.

No. 105—8-inch Thermometers, each, 80c.; 10-in. \$1.05; 12-in. \$1.25; postpaid. Ordinary tin cases, each, 7-in. 35c.; 8-in. 40c.; 10-in. 45c., postpaid.

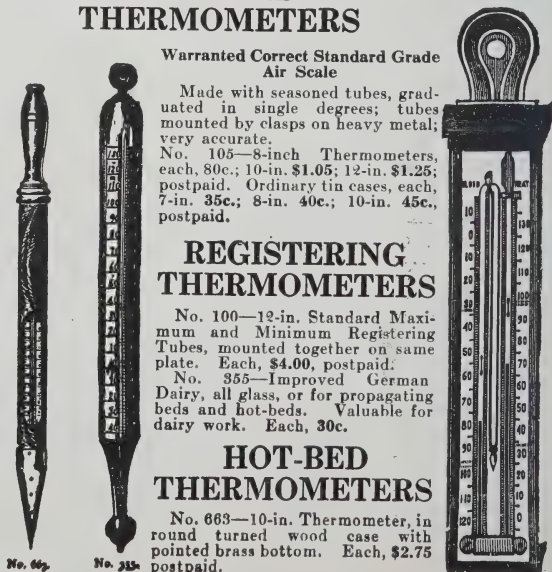
REGISTERING THERMOMETERS

No. 100—12-in. Standard Maximum and Minimum Registering Tubes, mounted together on same plate. Each, \$4.00, postpaid.

No. 355—Improved German Dairy, all glass, or for propagating beds and hot-beds. Valuable for dairy work. Each, 30c.

HOT-BED THERMOMETERS

No. 663—10-in. Thermometer, in round turned wood case with pointed brass bottom. Each, \$2.75 postpaid.



NEW "PLANET JR." HILL AND DRILL SEEDERS

FOR HAND POWER

"Planet Jr." No. 1 Combination Drill and Wheel Hoe, Cultivator and Plow.—The older "Planet Jr." No. 1 and No. 2 Seeders have given complete satisfaction for over thirty years, are used the world over and, except our hill and drill seeders, are the most perfect known.

Every purchaser of the No. 1 machine will find it an excellent seed sower; a first-class double-wheel hoe for use while plants are small, a first-class single-wheel hoe, an excellent furrower, an admirable wheel cultivator, a rapid and efficient wheel garden plow, and that it has no superior in variety of tools, easy adjustment, lightness, strength and beauty. It is a practical, every-day time, labor and money-saver. Price, \$10.75.

"Planet Jr." No. 2 Seed Drill.—The sowing cylinder of both No. 1 and No. 2 Seeders is a drum of spring brass set between the driving wheels, with a sliding brass band secured in position by a cam. Inside the drum, shields protect the openings and ensure regular sowing, either with a full hopper or a thimbleful of seed. Wheeling around on the roller stops the flow of seed.

These seeders are simple, having no agitator belts or gears to injure the seed. They plant all varieties of garden seeds admirably and are especially adapted to planting small seeds shallow, the plow being directly between the wheels and sure to open at a regular depth. They are also strong, easily set and easily understood. Price, \$8.50.

"Planet Jr." No. 3 Hill Dropping Seeder.—Has the steel driving wheel with heavy steel spokes, not "piano wire," is of proper height, with broad face, making the tool light and easy running, even with the hopper filled to the brim. Is the same tool as the No. 5 Seeder and just as good, except that it is smaller in size, the hopper holding three quarts of seed. It has all the qualities of No. 5 and is better suited by its size to anyone requiring an efficient hill and drill seeder of a smaller size. Price, \$12.00.

"Planet Jr." No. 4 Combined Hill Dropping Seeder, Single Wheel Hoe, Cultivator and Plow.—Has been improved recently. It combines, in a single convenient implement, a capital hill-dropping and row seeder, an admirable single-wheel hoe and furrower, a capital wheel cultivator and an efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, lightness and strength. It is a practical, every-day time, labor and money-saver.

It will sow all garden seeds in continuous rows with great uniformity and also drop with accuracy in hills, 4, 6, 8, 12 or 24 inches apart and at the same passage mark the next row.

As a Seeder the No. 4 is accurate, simple, durable, reliable and easy-running, doing first-class work in every particular.

For use as a Cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt. It is then a fine single-wheel hoe with an admirable variety of tools and a rapid-change frame. Price, complete, \$12.50. Price, as a drill only, No. 4A, \$10.25.

"Planet Jr." No. 5 Hill and Drill Seeder.—No. 5 is undoubtedly the best seeder we sell for market gardeners, sugar beet and bean growers, onion set growers and other large planters. The style of construction is the same as in No. 3, the valuable mechanical features being common to both. It drops in hills 4, 6, 8, 12 or 24 inches apart. It runs light and plants equally well with a full hopper or with an ounce of seed, and uphill or down. The hopper holds five quarts.

The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect. Price, \$14.50.

"Planet Jr." No. 6 Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.—This is our latest "Planet Jr." Combined Hill and Drill Seeder and Wheel Hoe. It will drop in hills and sow in drills, all garden seeds with the greatest regularity to any exact depth required. Covers, rolls down and marks the next row, all at one operation. The wheel is 16½ inches high, making it an easy-running tool. It drops in hills, 4, 6, 8, 12 and 24 inches apart, and the change from hill to drill, and vice versa, can be made in a few seconds. The index is of a new design, easily adjusted by means of an accurate thumb-screw. As a Wheel Hoe, Cultivator and Plow, it is an exceptionally easy-running tool. Taken altogether, it is the most complete tool sent out by the Planet Jr. Company. Price, \$15.25.

"Planet Jr." No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe.—This combination is intended for gardeners who have a large enough acreage in crops for a double-wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately. (See description No. 4.)

As a seeder it is practically the same as the Planet Jr. No. 4; will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart, and has the same feed, hill-dropping mechanism and automatic device for stopping the feed, and has also the new seed index. For 1914 this tool is made with steel frame, practically indestructible.

As a wheel-hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment.

The seed hopper is ample, holding 2½ quarts.

Two acres a day can easily be worked with this implement, and when done it will be better worked than several men could have done it in the same time, with hand hoes. Price, \$15.25.

No. 28, "Planet Jr." Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, Rake and Plow—This is our latest and best Combined Hill and Drill Seeder and Single Wheel Hoe. It is the most accurate seeder in action and the nearest perfect in construction that we have ever offered. Accuracy of construction makes for accuracy in operation, and it saves seed and labor and ensures an even stand of plants and a correspondingly satisfactory crop.

The castings for the vital parts of the seeding devices are made of special metal and have enabled us to produce a tool far more accurate in construction and in operation than anything we could offer in previous years. Our new method of delivering the seed from the hopper is much superior to any we have heretofore used and the great regularity obtained is most gratifying.

As a Seeder it drops all garden seeds in hills, 4, 6, 8, 12 or 24 inches apart, or sows them in drills with accuracy, opening the furrow, covering, rolling down and marking the next row all at once. Price, \$17.00.



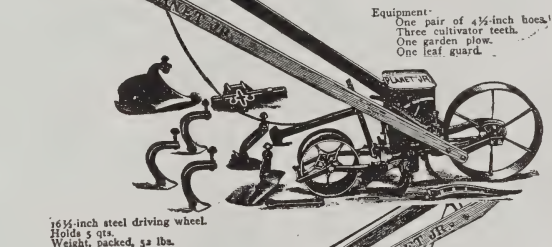
No. 1 Planet Jr. Combined Drill Seeder, Wheel Hoe, Cultivator and Plow
Holds 3 qts.
Weight, packed, 44 lbs.



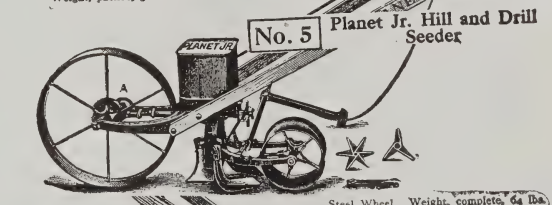
No. 2 Planet Jr. Drill Seeder
Holds 3 qts. Weight, packed, 37 lbs.
Has no cultivating attachments.



No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow
Steel Driving Wheel. Weight, complete, 53 lbs.
Holds 2½ quarts.



16½-inch steel driving wheel.
Holds 5 qts.
Weight, packed, 52 lbs.



No. 6 Planet Jr. Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow Combined
Steel Wheel. Weight, complete, 64 lbs.
Equipment: Two 6-inch hoes, Three improved steel cultivator teeth, Large garden plow, Improved double leaf guard.



No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow
Steel frame.
Holds 2½ quarts. Weight, complete, 59 lbs.
It combines in a most practical way the Planet Jr. No. 4 Drill and No. 12 Double-Wheel Hoe.
Equipment: One pair of 6-inch hoes, Two pairs of cultivator teeth, Two plows, Two leaf guards.

The New "Planet Jr." Wheel Hoes and Cultivators

FOR HAND POWER

THE "PLANET JR." DOUBLE WHEEL HOES

are the greatest hand cultivating tools in the world for the onion and small sugar beet grower, and also for every grower of garden and market garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way where rows are too close for horse work.

Nos. 11, 12, 13, 13½ and 14 Double-Wheel Hoes all have the same style steel frames, wheels and handles.

The Tool Frames for 1914 are made of pressed steel instead of malleable or cast iron, as heretofore. This is a radical improvement and makes the machines almost indestructible. The frame can be set at different heights to suit each kind or depth of work, and change of teeth or position of teeth can be made in a few seconds.

"Planet Jr." No. 11 Double Wheel Hoe, Cultivator, Rake and Plow.—Changes and adjustment of the tools are made with the greatest quickness. It has 14-inch wheels, which can be set at four different distances apart; the frame is malleable. Price, \$10.25.

The "Planet Jr." No. 12 Double Wheel Hoe, Cultivator and Plow.—This tool is identical with No. 11, except that it has less complete equipment, but at a correspondingly low price. The set of tools with No. 12 is what gardeners need most, and the rest can be added as wanted. Price, \$8.00.

The "Planet Jr." No. 13 Double Wheel Hoe.—This tool is the No. 11 with six-inch hoes only, this pair of tools being most generally useful at all seasons. Any or all of No. 11 tools may be added at any time and are sure to fit. Price, \$5.25.

"Planet Jr." No. 13½.—Double Wheel Disc, only \$6.75.

"Planet Jr." No. 14.—Double Wheel, one set Disc Hoes, one pair 3-Prong Cultivator teeth, one pair Plows, one pair Leaf Lifters, Price complete, \$9.00.

SINGLE WHEEL HOES

Single Wheel Hoes are lighter than the double and do almost the same variety of work, but are used mostly between the rows. Yet, by attaching the wheel to the other side of the arm, Planet Jr. single-wheel hoes can be used to hoe both sides at once while plants are small—the most important time.

Nos. 16, 17, 17½, 18 and 38 wheels and frames are alike, but the tools sold with each vary. Examine the description.

For 1914 we offer these single-wheel hoes as the highest type of their class. They have a great variety of tools which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

"Planet Jr." No. 16.—Single Wheel Hoe, Cultivator, Rake and Plow. Price, \$6.75.

No. 17, Single Wheel Hoe, Cultivator and Plow. This tool is identical with No. 16, but has only a pair of six-inch hoes, a plow and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added at any time. Price, \$5.75.

No. 17½, Single Wheel Hoe and Cultivator.—This machine is similar to No. 17, except that it has no plow, but it has a leaf lifter. Thousands of them are sold annually for the cultivation of sugar beets and onions. Price, \$5.00.

No. 18, Single Wheel Hoe.—This tool has the same frame and handle as No. 16, but has one pair of six-inch hoes only—the tools that are most constantly used throughout the season. All the other tools can be added as needed. Price, \$4.00.

"Planet Jr." No. 38, Single Wheel Disc Hoe, Cultivator and Plow—Complete, \$8.00; plain, \$5.50:

"PLANET JR." HORSE HOES AND CULTIVATORS

The "Planet Jr." 12-Tooth Strawberry Cultivator and Harrow.—This tool has rapidly grown in favor with strawberry growers, market gardeners, truckers and farmers because the twelve chisel-shaped teeth do such thorough work, and because the tool is so convenient, durable and strong. The teeth and pulverizer leave the ground in the finest condition, and the operator can set the tool exactly to any depth desired, making delicate work not only possible but very easy.

Improved braces enable one to change the handles in height to suit boy or man, and also sidewise. It is a great advantage to be able to move the handles to one side when cultivating blackberries, raspberries; vines, hops, etc., saving the hands, the clothes and the crops. The expander works with ease, yet holds the tool thoroughly rigid.

The Foot-Lever Pulverizer is an admirable tool for fine cultivation and preparing ground for the seed drill or for plant setting.

The Hand Levers regulate both width and depth instantly. The tool expands to thirty-two inches and contracts to twelve. Strawberry Runner Cutter Attachment, consisting of a 10-inch flat steel disc mounted on an outrigger, extra. Price, without Pulverizer, \$9.75; complete, \$10.50.

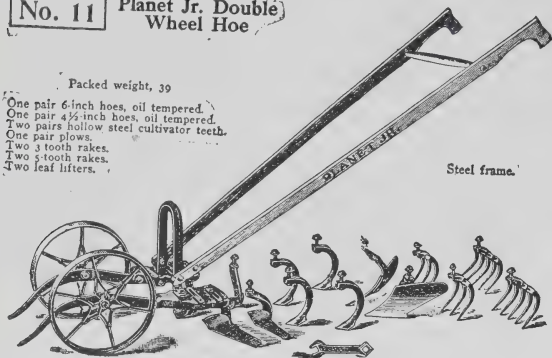
The "Planet Jr." No. 8 Horse Hoe. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. The Frame is longer than usual, and about 1½ inches higher, making a tool that will not clog easily. The Standards are formed up hollow, with round throats of stiff steel. They polish quickly, and free themselves readily from obstructions, and they clasp the frame and strengthen it. The Depth is under perfect control by means of a new lever wheel and the new patented depth regulators, which are moved instantly in unison by a single lever, making exact work, steadying the machine, and relieving the operator. The Expander—This is an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions. Price \$10.75.

THE "FIRE-FLY" GARDEN PLOW. This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. The moldboard is of tempered and polished steel; the depth is quickly changed. Price, \$2.75.

Descriptive and Illustrated Catalogue Sent on Application

No. 11 Planet Jr. Double Wheel Hoe

Packed weight, 39
One pair 6-inch hoes, oil tempered.
One pair 4½-inch hoes, oil tempered.
Two pairs hollow steel cultivator teeth.
One pair plows.
Two 3 tooth rakes.
Two 5 tooth rakes.
Two leaf lifters.



No. 13 Planet Jr. Double Wheel Hoe

Packed weight, 29 lbs.

No. 13½ Planet Jr. Double Wheel Disc Hoe

Packed weight, 33 lbs.
Steel frame.



No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

Two 6-inch hoes.
Three cultivator teeth.
One 7-inch rake.
One 4-inch rake.
One large garden plow.
One leaf guard.



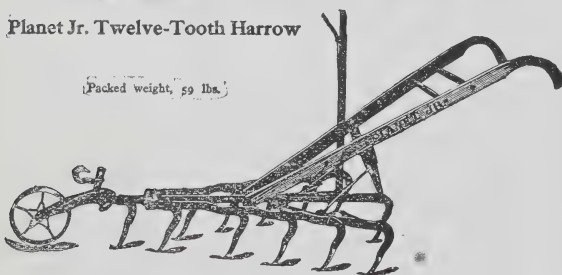
No. 17 Planet Jr. Single Wheel Hoe

One pair of 6-inch hoes.
Three steel cultivator teeth.
One large garden plow.



Planet Jr. Twelve-Tooth Harrow

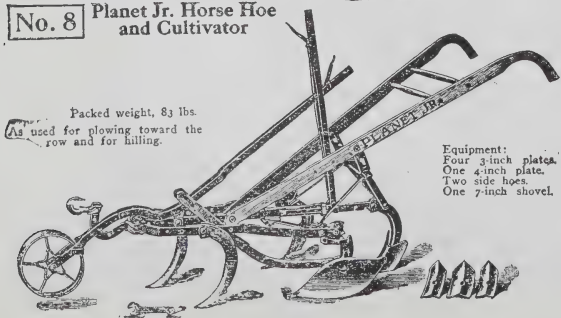
(Packed weight, 59 lbs.)



No. 8 Planet Jr. Horse Hoe and Cultivator

Packed weight, 83 lbs.
As used for plowing toward the row and for hilling.

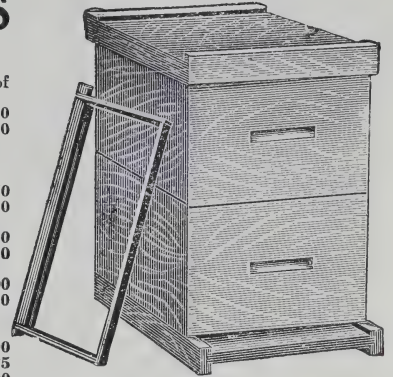
Equipment:
Four 3-inch plates.
One 4-inch plate.
Two side hoes.
One 7-inch shovel.



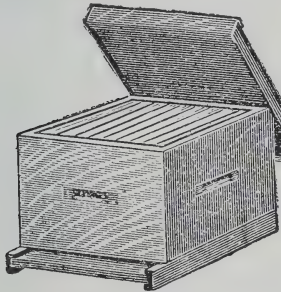
BEEKEEPERS' SUPPLIES

LANGSTROTH HIVES—Eight and Ten Frame

	In flat, each	Lots of five	Lots of ten
No. 1. Hive or Brood Chamber, complete with Frame: 8 Frame.....	\$1 60	\$7 50	\$14 50
10 Frame.....	1 75	8 25	16 00
No. 1½A. Hive consists of one body for Brood Comb with frames and one super for comb honey, with section holders and separators "sections not included." 8 Frame.....	2 20	10 00	19 50
10 Frame.....	2 40	11 00	21 00
No. 1½D. Hive with shallow super for extracted honey: 8 Frame.....	2 30	10 50	21 50
10 Frame.....	2 50	11 50	22 50
No. 3E. Hive—this is a two-storey Hive, complete with frames for extracted honey. 8 Frame.....	2 50	11 75	23 00
10 Frame.....	2 75	13 00	25 50
Supers to Fit on Eight or Ten Frame Hives:			
Super "A." For comb honey. 8 Frame.....	60	2 50	5 00
10 Frame.....	65	2 75	5 25
Super "E." Full depth for extracted honey. 8 Frame.....	90	4 25	8 00
10 Frame.....	1 00	4 75	9 00



No. 3 E HIVE



NO. 1 EIGHT FRAME HIVE

HOFFMAN BROOD FRAMES

	Price per 50	100	250	500	1,000
One Piece Honey Sections, 4¼ x 4¼ x 1½, Plain...	\$1 75	\$3 35	\$8 00	—	—
One Piece Honey Sections, 4¼ x 4¼ x 1½, Split...	50	85	1 60	3 00	5 50
The Kretschmer Section Folder. Each, 50c.; by mail, 70c.	55	90	1 75	3 25	6 00
Alleys Queen and Drone Trap. Each, 35c.; by mail, 50c.					
The Porter Bee Escape. Each, 15c.; complete with board, 35c.; cannot mail.					
Entrance Guards for 8 Frame Hives. Each, 10c.; by mail, 15c.					

CAGES FOR QUEENS

West's Queen Cages with Food Cup. Each, 5c.; 10, 30c.; 100, \$2.50. By mail, add 1c. each.
West's Cell Protectors. Each, 5c.; 10, 30c.; 100, \$2.00. By mail, add 1c. each.

WIRE IMBEDDERS

For imbedding wire in Foundation. The Spur, each, 20c.; by mail, 25c. The Easterly, each, 15c.; by mail, 20c.

Tinned Wire for Wiring Frames. Price per lb., 30c.; ½ lb., 20c.; postage, 20c. per lb. extra.
Manum's Swarming Device. Each, 85c.; cannot mail.

Perforated Metal, used between the upper and lower stories to prevent the Queen from passing up; also used for drone guards and queen traps. Price, per square foot, 10c.; sheets, 20 ins. by 84 ins., \$1.00; 36 ins. by 96 ins., \$2.00.

FEEDERS

	Each	Ten
Simplicity Feeders.....	\$0 07	\$0 65
Alexander Feeders.....	25	2 25
Miller Feeders.....	35	3 50

PRICE LIST OF COMB FOUNDATION

	Per lb.	5 lb.	10 lb.
Medium Brood, 7¼ x 16½ in., 6 sheets to lb.	\$0 65	\$0 63	\$0 60
Light Brood, 7¼ x 16½ in., 8 sheets to lb.	65	64	62
Light for Super D. 4½ x 17 in., 12 sheets to lb.	70	68	65
Thin Super, 3¼ x 16 in., 26 sheets to lb.	72	70	68

Prices on Foundation are subject to change without notice.
If ordering by mail add 20c. per lb.

QUEEN EXCLUDERS

	Each	Lots of 10
These are used to confine the Queen to the brood chamber.		
8 Frame, wood-bound.....	\$0 25	\$2 00
10 Frame, wood-bound.....	25	2 25
8 Frame, unbound.....	20	1 60
10 Frame, unbound.....	20	1 75



CEDAR PLANT TUBS

Made of Cedar, painted green, and bound with extra heavy iron hoops and perforated bottom.
Each
No. 1—12 ins. in diameter, 11 ins. deep...\$1.25
No. 2—13 ins. in diameter, 12 ins. deep...1.50
No. 3—14 ins. in diameter, 14 ins. deep...2.00
No. 4—16 ins. in diameter, 15 ins. deep...2.50
No. 5—19 ins. in diameter, 18 ins. deep...3.50

BEE SMOKERS

	Each	By mail
No. 1, 4 inch.....	\$1 25	\$1 50
No. 2, 3½ inch.....	1 00	1 25
No. 3, 2¾ inch.....	75	1 00

HONEY EXTRACTORS

No. 2 Goid 2 Basket, 9½ x 18 in., Langstroth.....	\$ 7 50
No. 2 Goid 2 Basket, 12 x 18 in., Jones & Langstroth.....	8 50
No. 4 Goid 4 Basket, 9½ x 18 in., Langstroth.....	10 00
No. 4 Goid 4 Basket, 12 x 18 in., Jones & Langstroth.....	11 50
Automatic reversible, 28 in., 4 Basket, 9½ x 18 in.; ball bearings and brake complete.....	26 50
Automatic reversible 33 in. 4 Basket, 12 x 18 in.; ball bearings and brake complete.....	28 50

For other sizes write for prices.

RUBBER GLOVES

	Per pair	By mail
Gentlemen's Sizes.....	\$1 75	\$1 85
Ladies' Sizes.....	1 50	1 60
	Each	By mail
Bee Veils.....	\$0 30	\$0 35
Bee Whisks.....	20	25
Honey Knives.....	1 00	1 25

BOOKS ON BEE CULTURE

Langstroth on the Honey Bee; Revised by Dadant; 520 pages; cloth bound. \$1.25, postpaid.
A.B.C. & X.Y.Z. on Bee Culture; by A. I. & E. R. Root; 400 pages; cloth bound. \$1.75, postpaid.

ROLL YOUR LAWN

Rolling will cure 50% of your lawn troubles. Rolling will eradicate weeds, keep grass from dying, and promote even growth, over which the mower will operate to perfection. It also discourages the work of moles, worms, ants, etc.

Rolling compresses the grass roots so they absorb moisture from the sub-soil. Alternate freezing and thawing produces a loosening and heaving effect on the ground. The earth settles faster than the grass roots, and if not rolled and brought into firm contact with the soil below, are left exposed to the air, where they will dry out and die. Capillary attraction is assured by frequent use of the roller. Often the sun will dry out, bake and crack the top soil unless it is rolled.

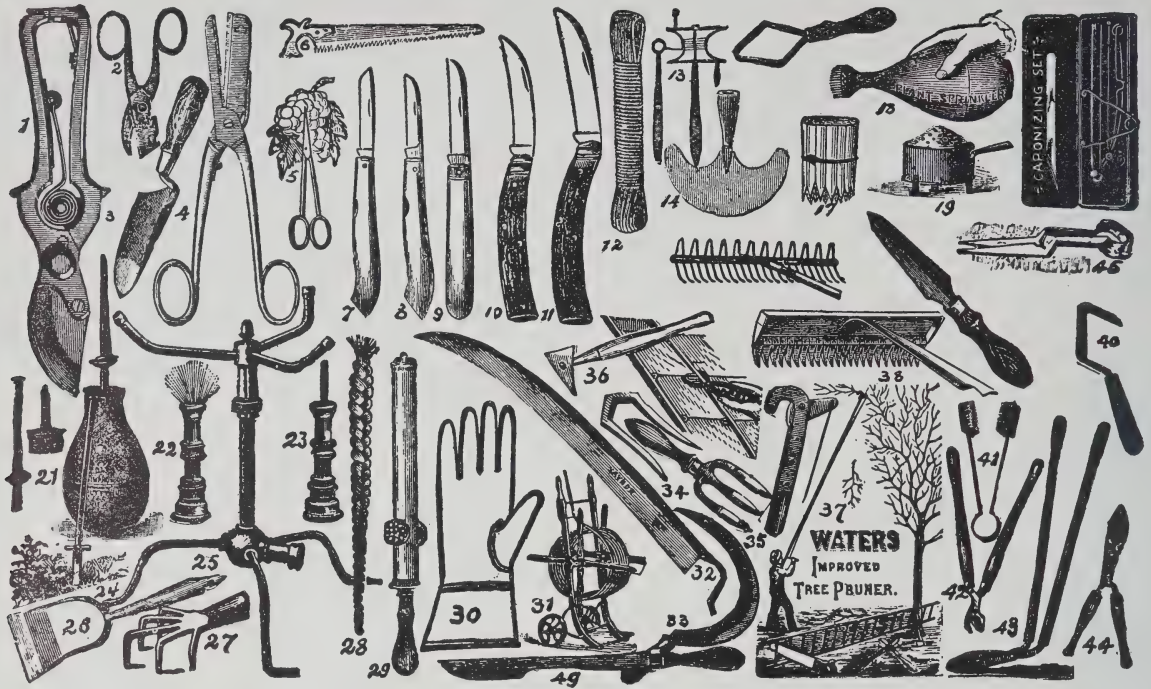
Remember the easy-running Roller-Bearing Roller offered by us. They run 44% easier than any others.

WATER BALLAST ROLLERS

Price List, with Counter-balancing Handles, Double Drums or Sections.

Diam. Inches	Length Inches	Empty Weight	Weight filled with water	Weight filled with sand	List Price
18	24	135 lbs.	360 lbs.	560 lbs.	\$14 00
24	24	185 lbs.	560 lbs.	860 lbs.	19 00
24	30	198 lbs.	690 lbs.	1050 lbs.	22 00

The plug in the drum in the water weight is coated with a non-rusting compound, so the plug is easily removed by the use of a suitable wrench that is furnished with the roller.



GARDEN AND FLORIST REQUISITES

Forwarded per mail only where postpaid prices are quoted. All others by Express or Freight at purchaser's expense. The figures in brackets, thus (1), denote the number of article in the Cut.

Aphis Brushes (Fig. 41). Each.....	\$0 75
Bamboo Canes, 5 to 7 feet long. Used as plant stakes, per 100.....	1 00
Chrysanthemum Tweezers, brass, postpaid.....	75
Dibblers (15) for planting. Each, postpaid.....	60
Fumigators, Greenhouse (19). Each.....	1 25
Flower Gatherers. Each.....	75
Gloves (30). Oiled, pair, postpaid.....	80
Gloves. Gardeners' (Men's), pair, postpaid.....	70
Gloves. Threshing, pair, postpaid.....	75
Glazier's Points (34) Peerless. Price per box of 1000.....	1 00
By mail.....	1 00
Grass Edging Knives (14). Crescent shaped, finest steel, 8-inch blade, round edge, without handle.....	1 00
Grass Hooks (33). Best imported. Each.....	50
Grafting Wax. Postpaid, ½ lb., 15c.; ¼ lb., 30c.; 1 lb.....	50
Garden Lines (12). Of the best material, extra heavy, 60 ft., postpaid.....	40
Garden Reels (13). Iron, plain, with stake.....	75
Hoes (26). Dutch Scuffle, English make. Each, 4 inch, 45c.; 6 in., 55c.; 7 in., 60c.; 8 inch.....	70
Hose, Rubber. In 50 feet lengths only, including coupling; best quality, per ft., 1 in., 20c.; ¾ in., 17c.; ½ in.....	14
Hose Nozzle (22 and 23). Graduating spray and stream, ¾ in., postpaid.....	75
Hose Reels (31). Holding 100 ft.....	\$1.50 to 2 50
Knives (49). Asparagus, imported, best Sheffield make, postpaid.....	1 00
Knives (7). Budding, ivory handled, 323. Each.....	1 25
Knives (8). Budding, ivory handled, 325. Each.....	1 00
Knives (9). Budding, ivory handled, 204B. Each.....	1 00
Knives (10). Pruning, staghorn, 187. Each.....	1 00
Knives (11). Pruning, staghorn, 189. Each.....	1 25
Labels (17) Pot (wooden).....	85c.
Plain.....	postpaid
Per 1,000.....	Per 100
4 inch.....	\$0.80 25c.
5 inch.....	1.00 30c.
6 inch.....	1.20 30c.
Garden Labels.....	
10 inch.....	4.50 1.00
12 inch.....	5.50 1.10
Labels, Botanical or Border, doz.....	85c.
Mastica for glazing greenhouses, hot-beds, etc. New or old. Elastic, adhesive, easy to apply, does not crack. ½ gallon, 85c.; gallon.....	1 70
Mastica Glazing Machine.....	1 50
Archangel Mats, for covering up hot-bed sash. Each.....	75
Needles. For sewing grain bags. Each, postpaid.....	10
Pencil. Osman's Garden. Each, postpaid.....	10

Greiner's Caponizing Instruments. Complete set of instruments, with instructions, per set, \$4.00, postpaid.....	\$4 25
Rakes (38). Daisy, for cleaning lawns, 22 teeth.....	2 50
Rakes, Garden, steel, with handles, 12 teeth, 60c.; 14 teeth, 80c. Iron, 12 teeth, 45c.; 14 teeth.....	55
Crescent Lawn Rakes (16). Lawns can be cleaned perfectly with this rake in less time and labor, requiring no picking of grass or leaves from the teeth; do not tear the sod; 24 teeth.....	75
Roffea (28). The best tying material for plants, etc. Also used for fancy work (postpaid), ¼ lb. 15c.; ½ lb., 25c.; 1 lb., 45c.; by express, lb., 25c.; 10-lb. lots, per lb.....	20
Roffea, colored in various shades, for fancy work; postpaid, ¼ lb., 20c.; ½ lb., 40c.; 1 lb.....	75
Scollay's Putty Distributor (21). Postpaid.....	1 25
Scythes (32). Tysack's, English, 36 and 39 inches.....	\$1.30 to 1 50
Scythe Stones.....	20
Saws (6) Heavy, Double Blade, for pruning. Each.....	1 50
Scissors (2). Short and heavy, for pruning, postpaid.....	85
Scissors (4). Flower Gatherers, Blyth's patent, silver-plated, postpaid.....	1 50
Scissors (5). Grape Thinning, postpaid.....	80
Scissors (1). Scateurs, wheel spring, highly recommended, 7 in., \$1.15; 8 in., \$1.25; 9 inch.....	1 50
Scissors, Scateurs, Aubert's Parrot Beak, 9 ins.....	1 75
Shears, Hedge or Lawn, best imported, 8 inch, \$1.25; 9 inch.....	\$1 50
Shears (43). Border, long handles, 8 inch, \$2.00; with wheel, \$2.25; 9 inch, \$2.25; with wheel.....	2 50
Shears (45). Sheep, for trimming grass or edges and around flower beds. Each, 60c to.....	75
Shears (42). Aubert's Branch Lopping or Pruning, very strongly made, 2 ft., \$4.50; 3 ft.....	5 50
Spades, Black's English. Each.....	1 75
Sprinkler (18). Scollay's, postpaid, \$1.20; angle neck, for spraying under leaves.....	1 35
Stakes, Garden, small round, painted green; per 100, 1 ft., 30c.; 1½ ft., 50c.; 2 ft., 70c.; 2½ ft., 95c.; 3 ft., \$1.30; 3½ ft.....	1 50
Stakes, Dahlia, very strong, painted green, weather proof; per doz., 4 ft., 75c.; 5 ft., \$1.00; 6 ft.....	1 25
Trowels (3). English steel, 6 inch, 25c.; postpaid, 40c.; 7 inch, 30c., postpaid.....	45
Tree Scraper (36). For removing old bark on trees.....	75
Tree Pruners (37). Waters', 6 ft., 75c.; 8 ft., \$1.00; 10 ft.....	1 25
Weeders (35). Fork-shaped, postpaid, 35c.; (40) Hazeltine's, 30c., postpaid, 40c.; (27) Claw-shaped, postpaid, 35c.; (24) Dock Spud for lawns.....	50
Wheelbarrows, strong.....	\$3.50 to 4 00
Tin Foil, per lb., 18c.; postpaid.....	35
Sphagnum Moss, per bale.....	1 50

BOOKS FOR THE GARDENER AND FARMER

ALL BOOKS SENT POSTPAID ON RECEIPT OF PRICE

Apple Growers' Guide (Wolverton). Postpaid.....	\$ 2 50	Home Poultry Book.....	\$1 50	Money in the Garden. P. T. Quinn.....	\$1 00
A B C of Bee Culture. A. I. Root. 400 pages.....	1 75	Homes for Home Builders.....	1 50	Mushroom Culture. Robinson. Cloth. Illustrated.....	60
New Egg Farm. Stoddard. On the Management of Poultry. Cloth.....	1 25	Hop Culture.....	40	Onions: How to Raise Them Profitably. J. J. H. Gregory.....	30
Asparagus Culture. Barnes & Robinson	55	How the Farm Pays. A very instructive book.....	2 50	Onion Culture: New Method. Grainor. It will pay you to buy this book.....	50
Barry's Fruit Garden. New Edition.....	2 00			Parsons on the Rose.....	1 00
Barn Plans and Outbuildings. 257 illus- trations.....	1 60			Practical Poultry Keeper. By L. Wright	2 00
Bulbs and Tuberous-Rooted Plants. C. L. Allen.....	2 10			Practical Floriculture.....	1 75
Chrysanthemum Culture for America. Their History, Classification and Care; illustrated. James Morton.....	75			Practical Forestry. A. S. Fuller. Illus.....	1 50
Fertilizers. A New Edition. Where to get Formulas for Various Crops; How to Apply. J. J. H. Gregory.....	45			Roe's Play and Profit in My Garden.....	1 75
Fuller's Grape Culturist.....	1 50			Strawberry Culturist. Fuller.....	30
Fuller's Small Fruit Culturist.....	1 50			Squashes, Treatise on. J. J. H. Gregory	30
Gardening for Pleasure. Henderson.....	1 75			Success with House Plants. Hillhouse.....	1 25
Gardening for Profit. Henderson. Cloth	1 75			Success in Market Gardening. Rawson's	1 30
Handbook of Plants. Henderson.....	4 25	House Plants.....	\$1 50	Talks on Manures. Joseph Harris. New and Revised Edition. A good book. Cloth.....	1 70
Harris on "The Pig".....	1 50	How Crops Grow. Prof. S. W. Johnson.....	2 00	Tobacco Culture. By fourteen experi- enced cultivators.....	25
Hints on Dog Breaking. Wm. Floyd.....	65	Insects Injurious to Fruit. Prof. Saunders	2 00	Tomato Culture. A. I. Root.....	35
				Wheat Culture. Curtis. Paper.....	50
				Woodward's Suburban and Country Home.....	1 00



INSECT DESTROYERS

Dry Bordeaux—Insecticide and Fungicide. As the name indicates, this article is an insecticide as well as a fungicide. It is compounded the same as our Dry Bordeaux Fungicide, and, in addition to its value as thereunder specified, there has been added the necessary poison to make it deadly to all eating insects. It kills Codlin moths, rose bugs, slugs, beetles and all leaf-eating insects and prevents blight and rot on potatoes, strawberry rust, leaf spots on trees, downy mildew on cucumbers, melon and squash, celery blight, raspberry rust, etc. It sticks well to vegetation, one application lasting in some cases the entire season.

Full directions for using accompany each package. Prices, 1 lb. box, 30c. (45c. postpaid); 5 lb. box, \$1.25, by express at purchaser's expense.

Copper Sulphate Used in Bordeaux Mixture. Price, per lb., 10c.; 25 lbs., \$2.40.

Fir Tree Oil Soluble insecticide, effectually destroying all kinds of pests to which plants are subject, equally effective on animals, and is harmless to the skin and hands when used as a wash. Full directions with each bottle. **Cannot be mailed.** Bottle, 4 sizes 25c., 50c., 75c., \$1.00, by express at buyer's expense.

Nikoteen Aphid Punk For use in private places; more convenient than vaporizing tobacco extracts. The punk is lighted and allowed to smoulder, the fumes killing all insects. Boxes of 12 rolls, each containing 60 grains of nicotine, sufficient for 600 feet of floor space, 75c. per box; postpaid, 90c.

Nikoteen is the cheapest, cleanest and most effective of insecticides, and will not injure or discolor delicate plants. It is composed of that element in tobacco which gives it its value as an insecticide, and nothing else. The best extracts of tobacco contain from 1½ to 2½ per cent. of nicotine; this preparation contains 40 per cent. of nicotine, and one case of 10 bottles is equivalent to 2,000 lbs. of stems, or 25 gals. of tobacco extract. **Cannot be mailed.** Pint bottle, \$2.00; small size bottle, 50c. each.

Scaline is an oil and sulphur composition—three in one, a scaleicide, insecticide, and fungicide combined, composed of a high grade of petroleum, and the properties of the well known fungicide, Fungine.

It is a most efficient winter spraying material for San Jose and other scale. Use one part Scaline to twenty parts water.

As a summer spray for trees, shrubs and hardy plants it is an effective remedy against green, black and white fly, red spider, thrips, woolly aphid, cottony maple scale, tulip scale, mealy bug, and all soft scale. Use one part Scaline to fifty parts water.

The sulphur contained in Scaline makes it an excellent preventive against various fungi at all seasons of the year.

Scaline will rid your evergreens and shrubs of the red spider pest, which has done so much havoc to them recently.

For summer spraying, Scaline is recognized as a marked improvement over the old-fashioned kerosene emulsion; more effective and more economical. It mixes readily with water, contains no sediment, and can be applied with the finest spray nozzle. Qt., 90c.; gal., \$1.75.

OSMAN'S LIQUID WEED KILLER

Time and Labor Saver

Highly concentrated and packed in convenient sized tins for handling and storage, avoiding carriage on returned empties. Contents of this tin must be diluted with water 150 times its bulk before being used. Will make 26 gallons of effective, reliable and perfect path cleaner. For destroying weeds, moss, etc., on paths and carriage drives, in public and private gardens, parks, cemeteries, etc.

For killing plantains and dandelions on lawns, apply a few drops of the solution in the centre of each plant with a Wikeham Eradicator. Quart tin, 75c.

"Nico-Fume" Liquid is a highly refined solution of "free" nicotine. It contains 40 per cent. of nicotine. For Spraying, one or two teaspoonsfuls to the gallon of water furnish an effective remedy against Green Aphid and Thrips; and for Vaporizing, one-half ounce per 2,000 cubic feet furnishes a strong fumigation. "Nico-Fume" Liquid thus has the advantage of being employed both for spraying and for fumigating. The labels contain complete directions. 1 lb., \$2.50; 4 lbs., \$8.50; 8 lbs., \$16.00.

"Nico-Fume" Paper consists of sheets of Paper 18 inches long by 6 inches wide, and in the formula for its manufacture a high-strength solution of nicotine is used. The sheets are folded and punched, ready for use, thus requiring no additional labor for folding. Hence, "just hang each sheet from the hole punched in one end, then light lower end, blow out flame, and let sheet burn." Tins—of 24 sheets, \$1.00 each; 144 sheets, \$4.00 each.

Paris Green Strictly pure. Lb., 30c.; by mail, 45c.; 5 lbs., by express at purchaser's expense, \$1.40.

Richards' X. L. All Fumigating Compound. Very effective. Bottle, \$3.25. Fumigating Apparatus for same, 75c. each.

Slug Shot For destroying potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms, beetles, striped bugs and lemons, squashes, turnips, beets, canker worms and caterpillars on fruit and ornamental trees, rose bugs, cut worms, etc. 1 lb. package, 10c.; 5 and 10 lb. packages, 7c. per lb.; by mail, 25c. per lb., postpaid.

Sulpho-Tobacco Soap makes an excellent wash for plants and trees infested with insects, and is particularly effective in killing green and black fly aphides, turnip and cabbage fleas, rose slugs and bark lice. Dissolve 2 ounces in a gallon of water, apply with a spraying pump, etc., or dipping plants in solution. Per package, small, 15c.; ordinary package, 25c.; by mail, 35c.

Flowers of Sulphur For the prevention and destruction of mildew on plants. Blow it over and through the foliage when the dew is on or after a thorough syringing. Lb., 10c. (postpaid, 30c.); 12 lbs., \$1.00, by express at purchaser's expense.

Tobacco Stems For fumigating purposes (by express), 50 lbs., \$1.00.

Whale Oil Soap One of the most effective and cheapest remedies to destroy slugs, worms and other insects on trees, shrubs, garden and house plants. One lb. of soap to seven gallons of water for applying to foliage. Use 2 ounces to one gallon of water for spraying rose bushes, etc. Lb., 20c.; postpaid, 40c.

Fungine is a concentrated sulphur composition, used as a spraying material, readily soluble in water, containing no sediment, and, unlike Bordeaux mixture, and lime and sulphur, does not stain the foliage, but cleanses it.

It is an infallible remedy for mildew, rust, wilt and other blights affecting flowers, fruits and vegetables, and is used with much success by leading growers on young stock as a preventive against various blights; also for bench fungi. One gallon makes 50 gallons spraying material. Quart, 90c.; gallon, \$2.25.

OSMAN'S LAWN SAND

For destroying Daisies, Dandelions, Ribbed Grass, Plantains, Thistles and other weeds on lawns, bowling greens, lawn tennis and croquet grounds, parks, etc., at the same time improving the grass by enriching the color and thickening the sward. An annual application in spring not only destroys the seedling weeds, but by invigorating the grass prevents to some extent the burning up during hot dry weather. Small tins, each, 35c.; large tins, each, 65c.

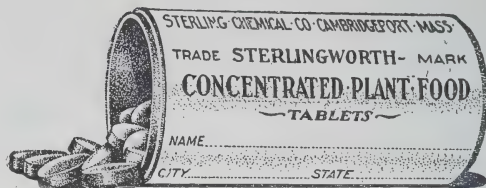
FERTILIZERS

FREEMAN'S FLOWER FOOD

A Concentrated Soluble Horticultural Fertilizer for Plants

Brings Flowers to their Fullest Development in the Shortest Time

For Pot Plants. For all pot plants this concentrated manure is unsurpassed. It is best dissolved in water in the proportion of $\frac{1}{2}$ to 1 oz. to a gallon, and this solution used for watering, taking care not to let any of the solution come in contact with the leaves. Quick-growing plants, such as Begonias, should be watered. By such application the plants develop more rapidly, and produce an increase of bloom to an extent hitherto unknown. It can also be mixed with the soil before potting, at the rate of one dessert-spoonful manure to one gallon of earth. Do not put the manure, dry or dissolved, on the leaves and do not overdo, as plant roots take it up very greedily, and if overfed suffer from the results of over-feeding. Full directions on each package. Price, package, 25c. (mail, postpaid, 40c.) By express or freight, purchaser paying carriage, 6 lbs., 75c.; 10 lbs., \$1.00.



Sterlingworth Plant Food Tablets

Contain Nitrogen, Ammonia, Phosphoric Acid and Potash. A new, Scientific, Odorless, Concentrated Fertilizer for Potted Plants. Takes the place of liquid manure. It starts the plants at once into healthy and vigorous growth, and makes them grow and bloom luxuriantly. These tablets drive troublesome insects and worms from the soil. They are simply wonderful for making plants bloom. They are odorless and are used by dissolving in water. If you want beautiful luxuriant plants, try just one box. Trial size box, sufficient for 10 house plants for 3 months, 15c., postpaid. Large size box, sufficient for 35 plants for three months, 30c., postpaid.

Nitrate of Soda When applied with farmyard manure, at the rate of from 300 to 500 lbs. per acre, gives astonishing effect. Market gardeners can use it profitably for cabbage, cauliflower and other crops. It improves and hastens the strawberry crop. For farm crops, such as wheat, barley, oats and corn, a moderate quantity applied broadcast on the land is excellent. Price, 25 lbs., \$1.25; 50 lbs., \$2.35; 100 lbs., \$4.50. By express at purchaser's expense.

Pure Bone Flour Per lb., 10c.; 10 lbs., 50c.; 100 lbs., \$3.00.

Pure Fine Ground Bone Meal For florists' and gardeners' use. where quick results are required. Per 6 lbs., 30c.; 25 lbs., 75c.; 50 lbs., \$1.50; 100 lbs., \$2.25; 200 lbs., \$4.00.

Peat To supply a necessity with florists and amateurs for growing Exotics, Azaleas, and many varieties of plants requiring Peat, we import Hampshire Brown Fibrous Peat, and for Orchids, a special high grade of Bedfordshire Peat. The Peat is put up in compressed form in bushel quantities or in sacks of 4 bushels each. Prices, Brown Peat, per bushel, \$1.50; Orchid Peat, per bushel, \$1.75; by freight at purchaser's expense.

Clay's Fertilizer A celebrated English Fertilizer for both garden and greenhouse use. Highly concentrated, therefore economical notwithstanding its apparently high price. Price per bag of 28 lbs., \$2.25; 56 lbs., \$4.00; 112 lbs., \$7.00.

Thompson's Vine and Plant Manure

An English Fertilizer of high quality. Per 56 lbs., \$4.00; 112 lbs., \$7.00.

Useful TABLES for the Farmer and Gardener

GARDEN

	Quantity of seed required	Per acre
Asparagus.....	1 oz. to 60 ft. drill.....	
Beans, Dwarf, in hills.....	2 lbs. to 200 ft. drill.....	75 to 90 lbs.
Beans, Pole, in hills.....	1 lb. to 75 hills.....	
Beet, Garden.....	1 oz. to 50 ft. drill.....	5 to 6 lbs.
Cabbage, for transplanting.....	1 oz. to 2,000 plants.....	$\frac{1}{4}$ lb.
Cauliflower, for transplanting.....	1 oz. to 2,000 plants.....	$\frac{1}{4}$ lb.
Carrot.....	1 oz. to 100 ft. drill.....	2 to 3 lbs.
Celery, for transplanting.....	1 oz. to 4,000 plants.....	$\frac{1}{4}$ lb.
Citron.....	1 oz. to 25 hills.....	
Corn, Sweet.....	1 lb. to 100 hills.....	12 to 15 lbs.
Corn, Flint.....	1 lb. to 80 hills.....	15 to 20 lbs.
Chicory.....	1 oz. to 100 ft. drill.....	2 to 3 lbs.
Cress, Garden.....	1 oz. to 100 ft. drill.....	2 to 3 lbs.
Cucumber, in hills.....	1 oz. to 100 hills.....	2 to 3 lbs.
Endive.....	1 oz. to 100 ft. drill.....	
Leek.....	1 oz. to 150 ft. drill.....	
Lettuce.....	1 oz. to 150 ft. drill.....	
Melon, Musk, in hills.....	1 oz. to 100 hills.....	2 to 3 lbs.
Melon, Water, in hills.....	1 oz. to 25 hills.....	$1\frac{1}{2}$ to 2 lbs.
Mushroom Spawn.....	1 brick to 10 sq. ft.....	
Onion, in drills.....	1 oz. to 100 ft. drill.....	4 to 5 lbs.
Onion Sets, for planting.....	1 lb. to 40 ft. drill.....	8 to 10 bus.
Parsley.....	1 oz. to 150 ft. drill.....	
Parsnip.....	1 oz. to 200 ft. drill.....	5 to 6 lbs.
Peas, in drills.....	1 lb. to 40 ft. drill.....	$1\frac{1}{2}$ to 2 bus.
Pumpkin.....	1 oz. to 15 hills.....	$1\frac{1}{2}$ to 2 lbs.
Radish.....	1 oz. to 150 ft. drill.....	8 to 10 lbs.
Rhubarb.....	1 oz. to 125 ft. drill.....	
Salsify.....	1 oz. to 100 ft. drill.....	8 lbs.
Spinach.....	1 oz. to 100 ft. drill.....	10 to 12 lbs.
Squash, bush in hills.....	1 oz. to 30 hills.....	5 to 6 lbs.
Squash, vine in hills.....	1 oz. to 20 hills.....	3 to 4 lbs.
Sunflower, Russian.....	$\frac{1}{4}$ lb. to 100 ft. drill.....	
Tomato, for transplanting.....	1 oz. to 1,500 plants.....	$\frac{1}{4}$ lb.
Turnip, garden.....	1 oz. to 200 ft. drill.....	$1\frac{1}{2}$ to 2 lbs.

FIELD

	Quantity per acre
Sugar Beet, in drills.....	4 to 5 lbs.
Mangel, in drills.....	4 to 5 lbs.
Carrot, in drills.....	2 to 3 lbs.
Turnip, in drills.....	2 to 3 lbs.
Turnip, broadcast.....	5 to 6 lbs.
Essex Rape, broadcast.....	5 to 6 lbs.
Essex Rape, in drills.....	2 to 3 lbs.
Potatoes, hill or drills, cut.....	10 to 14 bus.
Potatoes, hills or drills, cut to single eyes.....	6 to 8 bus.

GRAINS

	Quantity per acre	Weight per bushel
Barley.....	$1\frac{1}{4}$ to $2\frac{1}{4}$ bus.....	48 lbs.
Buckwheat.....	$\frac{1}{2}$ to $\frac{3}{4}$ bus.....	48 lbs.
Corn, in hills, to mature.....	12 to 18 lbs.....	56 lbs.
Corn, for fodder, in drills.....	20 to 30 bus.....	
Corn, for fodder, broadcast.....	1 to $1\frac{1}{2}$ bus.....	
Flax.....	$\frac{1}{4}$ to $\frac{3}{4}$ bus.....	56 lbs.
Oats.....	$2\frac{1}{2}$ to $3\frac{1}{2}$ bus.....	34 lbs.
Peas.....	$2\frac{1}{2}$ to $3\frac{1}{2}$ bus.....	60 lbs.
Rye, for grain.....	$1\frac{1}{2}$ bus.....	56 lbs.
Rye, for fodder or pasture.....	2 to $2\frac{1}{2}$ bus.....	
Spletz (Emmer).....	$1\frac{1}{2}$ bus.....	50 lbs.
Tares or Vetches.....	$1\frac{1}{2}$ to 2 bus.....	60 lbs.
Tares, for ploughing down.....	2 to 3 bus.....	
Wheat, Spring.....	$1\frac{1}{4}$ to $2\frac{1}{4}$ bus.....	60 lbs.
Wheat, Winter.....	$1\frac{1}{4}$ to $1\frac{1}{2}$ bus.....	

CLOVERS AND GRASSES

	Quantity per acre	Weight per bushel
Alfalfa.....	12 to 20 lbs.....	60 lbs.
Clover, Red.....	10 to 12 lbs.....	60 lbs.
Clover, Alsike.....	8 to 10 lbs.....	60 lbs.
Clover, White.....	4 to 5 lbs.....	60 lbs.
Brome (Bromus inermis).....	12 to 15 lbs.....	14 lbs.
Blue Grass.....	25 lbs.....	14 lbs.
Orchard, drills.....	28 lbs.....	14 lbs.
Red Top, drills.....	20 lbs.....	14 lbs.
Timothy, drills.....	6 to 8 lbs.....	48 lbs.
Hungarian and Millet.....	30 to 45 lbs.....	48 lbs.
Japanese Millet, broadcast.....	15 to 20 lbs.....	
Japanese Millet, drills.....	10 to 14 lbs.....	

Distance for Planting

	Feet
Apples..... each way, 30 to 40	
Pears..... " 20 to 30	
Plums..... " 16 to 20	
Peaches..... " 16 to 20	
Cherries..... " 16 to 25	
Grapes..... " 8 to 12	
Currants..... 4 x 5	
Gooseberries..... 4 x 5	
Raspberries..... 3 x 6	
Raspberries, red..... 3 x 5	
Blackberries..... 4 x 7	
Blackberries, on strong soil..... 6 x 8	
Strawberries..... 1 x 3	

No. of Plants to an Acre

Dist. apart	No. of plants
1 ft. x 1 ft.....	43,560
$1\frac{1}{2}$ ft. x $1\frac{1}{2}$ ft.....	19,360
2 ft. x 2 ft.....	10,890
3 ft. x 3 ft.....	7,260
4 ft. x 4 ft.....	4,840
5 ft. x 5 ft.....	3,630
6 ft. x 6 ft.....	2,904
8 ft. x 8 ft.....	1,815
10 ft. x 10 ft.....	1,210
12 ft. x 12 ft.....	907
14 ft. x 14 ft.....	653
16 ft. x 16 ft.....	453
18 ft. x 18 ft.....	308
20 ft. x 20 ft.....	208
22 ft. x 22 ft.....	148
24 ft. x 24 ft.....	108
26 ft. x 26 ft.....	72

BUY STEELE, BRIGGS' SEEDS, THEY ARE THE BEST. INSIST ON HAVING THEM, REFUSE SUBSTITUTES



RAT CORN

NO ODORS

NO POISON

NO SMELLS

Kills Rats, Mice and Gophers

It mummifies them. No matter where they die, they simply Dry Up. Positively do not smell.

Will not kill cats, dogs, man, or anything that can vomit. Rat Corn is a new and scientific discovery, and without doubt the greatest rat destroyer in the world. The only one that kills rats without any bad, dangerous or disagreeable effects. Price: Small can, 25c., by mail, postpaid, 35c.; medium size can, 50c., by mail, postpaid, 65c.; large can, \$1.00, by mail, postpaid, \$1.25.

BLATCHFORD'S CALF MEAL

THE PERFECT MILK SUBSTITUTE

It is just as rich and nutritious as fresh whole milk, and guaranteed to give just as good or better results for feeding young calves, pigs, colts, lambs, etc. Every pound makes one gallon Perfect Milk Substitute equal to whole milk. **Raises or Veals Calves at half the cost of Milk.** No cheap mill feed or filling. Every ounce just the best wholesome nutriment. Cooked and sold ready for use. Prevents scouring and insures early maturity. Feeding directions in every bag. One pound mixed with seven pints of boiling hot water, or four tablespoons added to eight pints of sweet, skim milk makes a gallon of gruel as rich and nutritious as a gallon of fresh whole milk.

Send for **Special Free Booklet**, "How to Raise Calves Cheaply and Successfully without Milk." Even when whole milk is fed the addition of Blatchford's Calf Meal will push the young animals forward in about one-half the usual time. If you are feeding your calves fresh milk, or are killing your calves at birth, you are losing money daily, as your calves mean a good profit to you if you feed **BLATCHFORD'S CALF MEAL**. Price, 25 lb. bag, \$1.00; 50 lb. bag, \$1.90; 100 lb. bag, \$3.75; 500 lbs., \$17.50, by freight or express at purchaser's expense.



RAISE YOUR CALVES WITHOUT MILK

The Cheapest and Best Way is to Use

Blatchford's Calf Meal

USE BLATCHFORD'S SUGAR AND FLAX SEED

The Ideal Food for HORSES, CATTLE, SHEEP or HOGS in preparing for the Market, Sale or Show Ring

Its Advantages are:

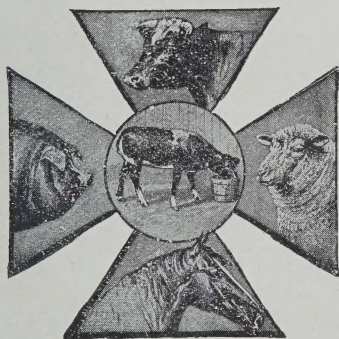
THE OIL makes the coat sleek and glossy, keeps the bowels regular, and the animal in good condition.

THE SUGAR of the Locust Bean makes the ordinary feed sweet and palatable, increases the appetite, aids digestion, is a great energy producer, and causes the animal to put on flesh and fat rapidly.

THE ALBUMINOUS COMPOUNDS enrich the blood, increase the vitality, and tone up and strengthen the system.

Analysis of BLATCHFORD'S PURE SUGAR AND FLAX SEED. Average Analysis taken by several Agricultural Experiment Stations: **Protein, 27 Per Cent.; Fat, 10 Per Cent.**

THE IDEAL FOOD to add to the Regular Feed of Horses, Cattle, Sheep and Hogs. Price: 20 lb. bag, \$1.10; 50 lb. bag, \$2.60; 100 lb. bag, \$5.00.



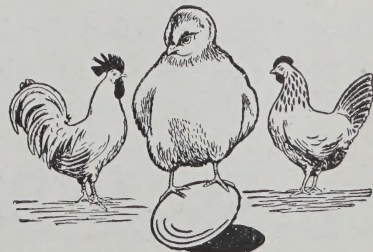
BLATCHFORD'S MILK MASH for CHICKENS

Milk Fed Chickens grow more rapidly than the ordinary kind, they are also healthier, plumper and better, also they make the best quality of meat and sell at the highest prices. You can now raise Milk Fed Chickens at less than one-half the expense of feeding them milk if you feed them **Blatchford's Calf Meal** mixed with Dry Milk and the most nutritious materials, as is the case with Blatchford's **Milk Mash**. As is well known, **Blatchford's Calf Meal** contains the same amount of Protein as new milk, this being one reason of its success.

BLATCHFORD'S EGG MASH

mixed half and half with the **Milk Mash** and gradually reduce the quantity of **Milk Mash** until feeding **Blatchford's Egg Mash** altogether in its place, always giving the birds, in the afternoon a good grain feed composed of the cleanest and best Scratch Feed. **Blatchford's Egg Mash**, the principal part of which is **Blatchford's Calf Meal**, The Perfect Milk Substitute, and Dry Milk combined with bran, alfalfa, corn meal, barley meal, oat meal, beef scraps, fish, oil meal, and pepper, simply forces hens to lay. The birds should always have one or more hoppers, boxes or pans, etc., of the Mash before them with feed in all the time.

Experience shows that the greatest success in Poultry-keeping is achieved by maturing the young chicks as rapidly as possible, for the sooner the chicks begin to pay you the better it is for you, and this carries with it the fact that in thus pushing them forward your chickens are kept well, healthy and growing strongly from the start, with, therefore, much less loss from disease. There has never been anything quite as good or along the same lines as **Blatchford's Milk Mash** and **Blatchford's Egg Mash** put upon the market. It is the healthiest, best, quickest and most successful way of Poultry keeping to-day. Takes away half the trouble, most of the losses and doubles the returns. Price: **Blatchford's Egg Mash**, 25 lb. bag, \$1.15; 100 lb. bag \$4.00. **Blatchford's Milk Mash**, 25 lb. bag, \$1.25; 100 lb. bag, \$4.50.



Steele, Briggs' Seeds are sold by leading dealers all over Canada. Insist on having them. They are the best. Refuse Substitutes.

STEELE, BRIGGS' GARDEN SEEDS

ARE SOLD BY ALL LEADING MERCHANTS



The above illustration is a modest photograph of our Commission Box.

Steele, Briggs' Packet Seeds are supplied fresh each season to merchants everywhere in Canada. Every stock is tested for germination before shipment, and year of output stamped on packet. Highest standard in Canada for more than forty years.

Whenever the Name **Steele, Briggs Seed Co.** is on the Packet, the Seed inside is Sure to be Good.

Insist on having them: Refuse substitutes.

SEEDS PLANTS BULBS

1914 CATALOGUE 1914

POULTRY SUPPLIES TOOLS, Etc.

Book on Seeds, etc. How and what to grow.
WE have the pleasure of handing you our Annual Catalogue, which we have endeavored to improve over past issues. It may be needless for us to tell our many permanent customers of the quality of our Seeds, Plants and Bulbs, but to those who receive this Catalogue, and who have never used our goods, we ask an order. The purchaser will be satisfied with the results.

ORDER EARLY Be sure and write your name, post office and express office plainly. Every season we get a number of orders without the name of sender or post office, and the post mark on envelope is often too obscure to be made out. There is no way of finding out who the senders are; consequently we are blamed, whereas the fault is the sender's. Should parcels by mail not arrive safely, or shipments by express or freight reach you in an unsatisfactory condition, please write us promptly, stating where the trouble lies, when we will look into the matter fully.



NO. 1.—PART OF OUR PRINTING DEPT.
NO. 2.—PORTION OF WHOLESALE VEGETABLE SEED ROOM.

OUR FACILITIES AND EQUIPMENT

The Photo Illustrations in this Catalogue give some idea of our equipment and facilities, with each department of the business backed by expert knowledge and thorough experience. We know the trade through and through in regard to its needs, and stop at no pains or expense to ensure the very best seeds obtainable. Having the right goods at the right prices is not a coincidence here, but a matter of careful planning, and the precise ability to know "what's what" in making selections.

ENORMOUS STOCKS AT OUR DISPOSAL

We have abounding faith in the future of the country, and have provided more largely than ever for this season's requirements. With the growing demand for food products of every sort, prosperity is looming up large for the farmer, and we are abundantly ready for all the business there is. We recommend placing orders well ahead to ensure satisfactory deliveries. While we do everything in our power to maintain prompt shipments, weather conditions and railway and postal difficulties are apt to cause unavoidable delays in transit, and the sooner you order your seeds now, the better.

SEEDS BY MAIL Special postal arrangements enable us to forward parcels under 5 lbs. in weight to any post office in Canada at five cents per lb.; to the United States, one cent per ounce; to Newfoundland, fifteen cents per lb. or fraction of a lb., and to Great Britain, twelve cents per lb. or fraction thereof, up to eleven lbs.

CASH WITH ORDER It is necessary that each order be accompanied with the cash. We send no goods C.O.D. (collect on delivery), nor do we give credit. Send cash with order; it saves much confusion and delay.

CONDITIONS OF SALE We trust that our customers will fully realize that it is to our interest to send them none but the very best quality of seeds; but while we exercise the utmost care to have everything pure and reliable, we give no warranty, expressed or implied, as to description, growth, purity, productiveness, or any other matter connected with any seeds, bulbs, plants, shrubs, etc., we send out, and will not in any way be responsible for the crop. All seeds and other goods are supplied only on these conditions. **Vegetable Seeds**—by the peck or bushel. **Farm Seeds, Tools, etc.**, are ex-warehouse Toronto or Hamilton, purchaser to pay transportation charges.

CORRECTION OF ERRORS We take the utmost care in filling orders, always striving to please our customers. Keep a copy of the order, and "check off" the items when received, that you may know everything has been sent you. We seldom make errors, but when they happen we wish to be notified immediately, that correction may be made.

SENDING PLANTS All orders for plants and bulbs which are liable to damage from frost, will be held till about the 1st of April, when we begin shipping, and continue as fast as the weather will permit until all are sent out; should the seeds be sent and not the plants and bulbs, do not be impatient, as they are held for your protection against loss and will be forwarded when the weather permits.

SAFE ARRIVAL If seeds, plants, etc., are not received in a reasonable time after ordering, send an exact copy of order, giving date sent, amount of remittance, stating if remitted by money order, cheque or draft. We can then investigate the delay immediately.

STEELE, BRIGGS SEED CO., Limited

TORONTO, ONT.
HAMILTON, ONT.
WINNIPEG, MAN.

SIX BEAUTIFUL SPENCER SWEET PEAS

SEE PAGE 6



STEELE BRIGGS SEED CO.
HAMILTON, TORONTO, WINNIPEG, LIMITED